STIC-Biotech/ChemLib



From: Sent: To: Subject:

Pak, Michael Friday, April 11, 2003 2:59 PM STIC-Biotech/ChemLib 09/276,935 sequence search

Sequence search - 2 month amendment App. #: 09/276,935 Result format: Paper. Title:an orphan nuclear receptor

Please search:

Search interference database.

SEQ ID NO:14 SEQ ID NO:14(a.a. 141-434) SEQ ID NO:14(a.a. 130-434)

TOP 40 hits.

Thanks,

Mike Pak

Michael Pak Art Unit 1646 Mailbox: CM1, Rm. 10D19(SPE office, Bonnie Eyler)
Office: CM1, Rm. 19E13
703-305-7038

Michael Pak **USPTO** Art Unit 1646 CM1; Rm. 10E13 703-305-7038

Searcher:
Phone:
Location:
Date Picked Up: ガルソルク
Date Completed: 1/1/2/5
Searcher Prep/Review:
Clerical:
Online time:

TYPE OF SEARCH:
NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other:

VENDOR/COST (w	here applic.)
STN:	
DIALOG:	
Questel/Orbit:	
DRLink:	
Lexis/Nexis:	
Sequence Sys.:_	
WWW/Internet:	
Other (specify):	



BioTech-Chem Library Sarch Results Feedback Form (Optional)



The search results generated for your recent request are attached. If you have any questions or c (compliments or complaints) about the scope or the results of the search, please contact the Riol searcher who conducted the search or contact:

Mary Hale, Supervisor, CM-1 Room 1E01

Þ	I am an examiner in Workgroup: (Example: 1610)
Þ	Relevant prior art found, search results used as follows:
	102 rejection
	103 rejection
	Cited as being of interest.
	Helped examiner better understand the invention.
	Helped examiner better understand the state of the art in their technology.
	Types of relevant prior art found:
	Foreign Patent(s)
	Non-Patent Literature (journal articles, conference proceedings, new product announcements etc.)
×	Relevant prior art not found:
	Results verified the lack of relevant prior art (helped determine patentability).
	Search results were not useful in determining patentability or understanding the

Drop off completed forms at the Circulation Desk CM-1, or send to Mary Hale, CM1-1E01 or mary.hale@uspto.gov

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Genitore version 5.1.4_p5_4578

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Database
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1: /cqn2_6/prodata/2/pubpaa/US08_NEW_PUB/pop:*
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/cqn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 635, Ap	0 08:09-925:297-635	247 1	11.4	178.5	57
Sequence 6. A		-	11.7	185	44
Sequence 27, Appli	118-119-765	478 10	11.7	186	متنو عد
Sequence 3, Appl	0 08:09-952 559 3		11.8	187.5	2
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Sequence 19, App	10 08-09-965-203-19	-	11.4	188.5	40
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Sequence 4. A	0 US-09-765-111A-4	840 10	11.4	189	æ
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Sequence 20.	10 08-09-965 703-20		12.2	194.5	-
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Sequence 7, Appli	US 09-042 488B-7	746 9	12.5	86.1	5.2
Sequence to App	US-09-042 488B 5	746 9	15.5	198	×
Sequence 16. App	0 08-09 965 703 16	6.25 1	12.5	198	1.7
Sequence (2), App.		583 10	12.5	198	25
Sequence 18, A	US-09 853 450 18	550 9	12.5	1.44	50
Sequence 18. 7	10 US-09-965 703-18		12.5	198	434
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US-09-143-828-2
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; Publication No. US20040032750A1
; GENERAL INFORMATION:
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CURRENT FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
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TITLE OF INVENTION: No. US20030032790Alel Vitamin b Receptor Related Folypeptides,
TITLE OF INVENTION: Acid Sequence Encoding the Same and Uses Thereof
FILE REFERENCE: 10806-65
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181 DTAGGFQOLLLEPMLKFHYMLKKLJJJHEEEYVLMOATSLESFDRFGVJJGHRVJDJGFGF 469
                                                                                                                                                                                                                      190 APSREEAAKWSOVKKDLCSLKVSLOLKGEDGSVWNYKFFADSGGKETFSLLFHMADMSTY
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                                                                                                           250 MEKGTISEAKVISYERDIRTEDOISILKGAAFELIQILKENTVENAETGTWECGKLSYCLE
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Publication No. USZ0030942790A1
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IIILE of INVENTION: No. 08200-00032790Alot Vitamin D Receptor Related Polypoptides,
TITLE OF INVENTION: Acid Sequence Encoding the Same and Uses Thereof
FILE REFERENCE: 10806-65
                                                                  APPLICANT: Ezans, Robald M.
APPLICANT: Blumberg, Bruce
TILLE OF INVENTION: ROPELSTEBOID ACTIVATED NUCLEAR
ILILE OF INVENTION: RECEPTORS AND USES THEREFOR
FILE REFERENCE: SALKZZZD 1
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CHRICATION NUMBER: 05/09/22/,718A
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MARKER OF SEQ 15 NOS: 45
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                                                                                           APPLICATION NUMBER: US/08/875,082
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/153,827
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.2
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APPLICATION NUMBER:
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     US 08/374,445
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                                                                                                                                                          US-09-814 569-1
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                                                                     Matches
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                                                                                            Rest
                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/191,493 PRIOR FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: DSZ09/814,569 CURRENT FILING DATE: 2001 03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: PU3854
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Parks, Derek J. APPLICANT: Collins, Jon L.
                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SECTIONOS: 3
                                                                                                                                                                      NAME/KEY: PEPTIDE

LOCATION: (1)...(11)

OTHER INFORMATION: modified histidine tag
                                                                                                                                                                                                                                                                                          TYPE: PKT
                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                   OKGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                               LENGTH: 257
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      y Match 37.4%; Score 592; DB 9; Length 389
Local Similarity 43.8%; Frod. No. 4.6e-53;
hes 127; Conservative 46; Mismatches 71; Indels
                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       74 KDLCSLKVSLULRGEDGSVWNYKPPADSGGKETESLLPHMADMSTYMFKGTISFAKVIS (3)
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                    14 LTEEQRMMIRELMDAQMKFFDTTFSHFKNFKLFGVLSSGCELPESLQAPSREEAAKWSQV 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein SEQHENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                     112;
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TELEFAX: 619-677-1465
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                                                                     Conservative
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                                                                                     40.3%; Score 479.5; DB (0); Length 257; 39.0%; Pred: No. 1.1e-41;
40; Mismatches 88; Indels
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US (09-760-364-1
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ITHE OF INVENTION: CAR Modulators: Screening and Treatment
TILE OF INVENTION: Hypercholesterolemia
FILE REFERENCE: 018781-004110HS
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APPLICANT: Shiau, Andrew Kwan Nan
APPLICANT: Tularik Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/760,364
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PRIOR FILING LAME: 2000-01-14
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                                                                                                                                                   193 PMLKEHYMLKKLOLHEEEFYVLMOAISLESPOKPGVLOHRVVDOLGEGFALTLKSYTEE'NK
                                                                                                                                                                                                                                                                                                                                                                                                          106 LSKEQEELIKTILIGAHTRHMGTMFEQFVQFRFPAHLFIHHQ-PIJCILAP----
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                                             253 PQPAHRELELKIMAMLTELRSINAOHTORLLRIODIHPEAIPLMQEL 279
                                                                                                   241 LLFHFHGTLKKLØLØEDEYVLLAAMALFSPDRPGVTØRDFTDØLØEEMALTLØSYTKGØØ
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39.0%; Pred. No. 1.8e 41;
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RESULT 7 US 09-760-464-9

Sequence 9, Application US/09760364

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Patent No. US200201524/9A1
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                                                                                                                                                                                                                                                                                                                                APPLICANT: Intarik Inc.
TITLE OF INVENTION: CAR Modulators: Screen TITLE OF INVENTION: Hypercholesterolemia FILE MEEREMOE: 018781 004110JS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Intarik to:
TITLE OF INVENTION: CAR Modulators: Screening and freatment
HILLE OF INVENTION: Typer-bolesterolenda
FILE PEFERENCE: 018781 00411005
                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                  NUMBER OF $150 ID NOS: 14
                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000 01 13
                                                                                                                                                                                                                                                              CHERENI APPLICATION NUMBER: US/09/760, 664
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Shiau, Andrew Kwan Nan
APPLICANT: Intarik Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lebmann, Juergen Michael
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                   OTHER INFORMATION: monse constitutive androstane receptor (CAR) betail other information: (mCARB et al. mCARB.)
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THILE OF INVENTION: HORMONE RECEIVE CONTAINING NUCLEAR
THILE OF INVENTION: HORMONE RECEIVER GENE DISKUPTIONS
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: Sequence 2, Application US/09989446

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TITLE OF INVENTION: CAR Modulators: Screeni
TITLE OF INVENTION: Hypercholesterolemia
FILE REFERENCE: 018781-0041100S
CHERENT APPLICATION NUMBER: US/09/760,364
CHERENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: US 60/176,398
PRIOR FILING DATE: 2000-01-13
NUMBER OF SEQ ID NOS: 14
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Patent No. US20020152479A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Shidu, Andrew Kwan-Nan APPLICANT: Tularik Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lehmann, Juergen Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: (mCARbeta2, mCAR2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: mouse constitutive androstane receptor (CAR) beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         158 FORRG-PVLPILITHFADINTFMVQQIIKFTKDLPLFRSLTMEDQISLIKGAAVEILHISL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  277 LESP 280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    217 NTTECLOTENFECTPLCYKMEDAVBAGFOYEFLESTLHFHKNIKGLHLØFFEYVLMAATA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     160 NIVENAEIGTWEGGRESYCLEDIA-GGEOQLLLEPMLKEHYMLKKLGLHEEEYVLMQAIS 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             101 -DSGGKETFSILPHMADMSTYMFKGTISFAKVISYFRDLPTEDQTSILKGAAFELCQLRF 159
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                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Disketto
COMPUTER: Haw Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 11 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: OR-1 ON ORPHAN RECEPTOR BELONGING TO THE NUCLEAR RECEPTOR FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ENMARK, EVA
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APPLICATION NUMBER: US/09/909,446 FILING DATE: 19-Jul-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Banner & Witcott
STREET: 1001 G Street, NW
                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                           STATE: DC
                                                                                                                                                                                                                                                                                                                    CITY: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GUSTAFSSON, JAN
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                                                                                                                                                                                                                                                                                                                                                                                                                     KESIILT 12
                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application 68/09909325
Patent No. US20020115847A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       232 VVDQTQEQFATILKSYTECNRPQPAHRFLFTKIMAMIJELKSTNAQHTQRT: LFTQFTH 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               316 KDFTYSKODEHRAGLOVEFINDTFEFSRAMKRIGLIDAEYALLIAINIFSAGRONVOEFS 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17 CKLSYCLER TAGGEGGLILLEPMIKEHYMIKKIGIHEEEYVIMQAISIESPIGRPGVIOHK 231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    259 LATISVQETVDEAKQVPGELQLGREDQTALLKASTIEIMILETAKRYNHET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  376 RVEALOOPYVEALLSYTRIKRPOLOOLR FERMIMKLVSLKILSSVHSEOVFALKLOD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            57 ESI@ALSKEBAAKWSQVRKDIASLKVSLQLKGEDGSVWNYKEPABSGGKETESILLEHMAD 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5. GTOPLGVOG------TITEEORMMIRELMOAOMKTFETTESHEKNERLPGVLSSGCELP-56
                                                          COMPUTER READABLE FORM:
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                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                 THILE OF INVENTION: OR-I ON OKPHAN RECEPTOR FAMILY
                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                              APPLICANT: ENMARK, EVA
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COMPUTER: IBM Compatible
                                                                                                   COUNTRY: USA
                                                                                                                                          CITY: Washington
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REGISTRALION NUMBER: 32141
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FILING DATE: 16-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/776,844 FILING DATE: «Unknown»
                                         MEDIUM TYPE: Diskette
                                                                                                                           STATE: DO
                                                                                                                                                                 STREEL: 1001 G Street, NW
                                                                                                                                                                                       ADDRESSEE: Banner & Witcott
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25.9%; Pred. No. 2.1
tive 55; Mismatches
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5; Mismatches 106
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; Sequence 2, Application US/09909326
; Patent No. USZ0020128461A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           *?* RVEALQQEYVEALLSYTRIKREQDQLR**-FREMLMKLVSLRTLSSVIISEQVEALRLQD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 GTQPLGVQG------CTEEQRMMIRELMDAQMKTFDFTFSHFKNFKLEGVLSSGCELP 56
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TOPOLOGY: Linear
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RESISIKATION NUMBER: 32141
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FILING DATE: 16 AUG 1994
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FILING DATE: 1997-06-24
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FILING DATE: 19 Jul 2001
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: Sequence 2: Application US/10014824 : Patent No. US/200/20116/41A1

GENERAL INFORMATION:

APPLICANT: Grouther, Catherine

Phillips, Russell Allen, Keith D.

APPLICANT: Zhand, Qin APPLICANT: Baribantt, Hebene

INVENTION: TRANSMENTO MICE CONTAINING RETUNDED X

APPLICANT:

APPLICANT:

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08-10-013-824-3
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: Patent No. US20020116731A1
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  Query Match
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                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/013,823
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: US 60/254,801
PRIOR FILING DATE: 2000-12-11
                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: TRANSGENIC MICE CONTAINING RETINOID X TITLE OF INVENTION: RECEPTOR INTERACTING PROTEIN GENE DIFFLE REFERENCE: k·684
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NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER:
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                                                                      TYPE: PRT
ORGANISM: Homo supiens
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                                                                                                                      LENGTH: 461
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        117 MSTYMEKGIISFAKVISYERDLPIERQISLLKGAAFELGQLRENTVENAETGTWEC---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             230 -----DQPKVIPWP---
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  reason 15.7%; Score 248.5; DB 12; Length 446; Local Similarity 25.9%; Pred. No. 2.1e-17; hes 81; Conservative 55: Misser.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             259 LATISVQETVDFAKQVPGFLQLGREDQTALLKASTIEIMLLETARKYNHET---ESTTEL 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       57 ESLQAPSREEAAKWSQVRKDLCSLKVSLQLRGEDGSVWNYKPPADSGCKETESLLPHMAD 115
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VVDQLQEQFAITLKSY1ECNRPQPAHRFLFLKIMAMLTELRSINAQHTQRL--LRIQD1H 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Phillips, Russell
Allen, Keith D.
Zhang, Qin
                                                                                                                                                                                                                                                                                                                                                                                                                                           Baribault, Helene
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  15.6%;
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Score 248;
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DB 12;
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APPLICANT:
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                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                    Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: BAUEK, OLKIKE APPLICANT: CHEKUVALLATH, APPLICANT: DEUSCHLE, ULI
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CURKENT FILING DAIF: 2002-07-01
NUMBER OF SEC 1D NOS: 5
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APPLICANT: SUD, MANISH
TITLE OF INVENTION: NRIHHA NUCLEAR RECEPTOR BINDING COMPOUNDS
FILE REFERENCE: 5 8 0 4 - 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFIWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 476
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  140 KVISYFRDLPIEDOISELKGAAFELCOLKENTVENAEIGIWEC----GRLSYCLED-IAG 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   217 GVQ-LTAAQELMIQQLVAAQLQCNKRSFS----
                                                                                                                                          162 VENARTGTWEGGRISYCLED LAGGEQQUILLERMIXEHYMIKKUQUHEREYVIMQATSIFS [22]
                                                                                                                                                                                            279 KEEFSAEENFLILTEMATNHVQVLVEFTKKLPGFQTLDHEDOTALLKGSAVEAMFLRSAE (33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             404 LSYTRIKKPODOLR--FPRMEMKLVSLKTLSSVHSEOVFALKLOD--KKLPTLLSEIWHV 450
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397 PORQYTKOREAVEKTQEPTTOVLOKTOKTHOPENPOH
                                             222 PORPGVIQHRVVDQIQEQFAITIKSYTECNRPQ-PAHRFLEIKIMAMIJELRSINAQHTQ-280
                                                                                               339 TENKKLPSGHSULLEERIKNS--GISDEYITEMESFYKSIGELKMIQEEYALLIAIVILS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            185 GEQQIII.EPMIKFHYMIKKIQIBEEEEYVIMQAISIESPDRPGVIQHKVVDQIQEQEAITI 244
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KOGL, MANERED
KKANZ, HARALD
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DEUSCHLE, ULRICH
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                                                                                                                                                                                                                                                                                           Conservative 44;
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                                                                                                                                                                                                                                                                                                                  15.2%; Score 241.5; DB 9; Length 476; 31.9%; Pred. No. 1.2e-16;
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Publication No. US20030022290Al
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Local Similarity (2.5%; Pred. No. 1.6c Es;
Les (2); Conservative 42; Mismatches 80; Indets 17; Naps
445 ARMIMSWRVND HKF TELLCETWOV 468
                                                                                                   ZAR TOATHOWILD-WARHTGOTAL TYPEL 6/72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOS KELFSILLER MADMGFYMEKOLISFAKVISYERBJETEROISLIKGAAFELSGLEENF TO
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ADDRESSEE: Profty, Schroeder, Bruendemann & Clirk STREET: 444 South Flower Street, Suite 2000
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COMPUTER: BM PC COMPATIBLE
OBSTRUCTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 469 amino acids
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; Publication No. US/0030003517A1
; GENERAL INFORMATION:
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poory Match
Bost Local Similarity
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PRIOR APPLICATION NUMBER: US-08/100/039
PRIOR FILING DATE: 1993-07-40
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APPLICANI: TAKAKU, Funduraro
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CURRENT FILING DATE: 2001:04-22
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OTHER INFORMATION: Human Retinoic Acid Receptor beta (bRAR-beta)
On 797-727 4
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TILLE OF INVENTION: Hormone Receptor Ligands
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33.6%; Pred. No. 1.7e 12;
ative 35; Mismarches 85; Indels
12.7%; Score 201; DR 10;
43.0%; Pred. No. 1.7e-12;
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US-09-814-604-1
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GENERAL INFORMATION:
APPLICANT: The Salk Institute for Biological Studies
APPLICANT: TAKAKU, Funimaro
TITLE OF INVENTION: GAMMA RETINOIC ACID RECEPTOR
FILE REFERENCE: SALKI150-3
                                                                                                                                Sequence 3, Application US/09797727 Putent No. US20020077457Al
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Publication No. US20030003517A
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CURRENT FILLING DATE: 2001-03-22
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FASISEQ for Windows Version 4.0
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TITLE OF INVENTION: Methods of Detecting Dissociated Nuclear
TITLE OF INVENTION: Hormone Receptor Ligands
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APPLICANT: Chandraratna Ros
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        134 YERDLPIEDGISELKGAAFELOQLKENTVENAE--IGTWEGGRESYCLEDIAGGEGGLLL 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             341 VDKLQEPLLEALKIYIRKRRPSKPH--MEPKILMKITDLRSISAKGAERVITLKMEIPGS 498
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                                                                                                                                                                                                                                                                                          367 RPSRPH--MEPKMLMKITDLRSISAKGAERVITLKMEIPGSMPPLIQEM 413
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; Publication No. US20030022315Al
; GENERAL INFORMATION:
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US-09-797-727-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08 \cdot 09 \cdot 921 \cdot 650 \cdot 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin version 3.0 SEQ ID NO 3
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mutches
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CURPENT FILLING DATE: 2001-08-31
FRIOR APPLICATION NUMBER: US 08/486,325
FRIOR FILING DATE: 1995-06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ 10 Nos: 7
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TYPE: PRT
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                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                               SOFTWARE: ASCIT FOR CURRENT APPLICATION LATA: ASSISTED APPLICATION NUMBER: US/09/921,650
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SECTENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Tetracycline-Inducible Transcriptional Activator Fusion Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bujard, Hermann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RPSRPH - MFPKMLMK1TDLKSISAKGAERVIILKMEIPGSMFPLIGEM 41 -
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                 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                STATE: Massachusetts
                                                                                                                                                                                                                                                                                                     CITY: Boston
                                                                                                                                                                                                                                      ZIP: 02109-1875
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45; Mismatches
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Patent No. US20020152489AT
UENERAL INFORMATION:
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Beel Local Similarity 25.6%; Pred, No. 1.76 12;
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Patent No. US20020]]9521A]
                                                                                                GENERAL INFORMATION:
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Less Local Similarity 25,6%; Brod. No. 1.76 12;
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                                               APPLICANT: Robbi and Boas Company APPLICANT: Ealth, Subba Reddy
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Kapitskoya, Marianna Zimozjewna
Gress, Dean Ervin
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PRIOR APPLICATION NUMBER: 60/191,355
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 60/269,799
PRIOR APPLICATION NUMBER: PCT/US01/09050
PRIOR APPLICATION NUMBER: PCT/US01/09050
                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: 08/09/853,450
CURRENT FILING DATE: 2001-05:09
NUMBER OF SEQ ID NOS: 61
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Yanotsky, Martin F.
APPLICANT: Polaz, Soraya
APPLICANT: Ditta, Gary
APPLICANT: The Regents of the University of California
                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Combinations of Genes for Producing Seed Plants TITLE OF INVENTION: Exhibiting Modulated Reproductive Development FILE REFERENCE: 19452A-0024000S
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                                                                                                                                                                                       SOFTWARE: Patentin Ver. 2.1
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09-853-450-18
                      OTHER INFORMATION: ecdysone receptor liquad binding domain
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: Sequence 17, Application US/09965703
: Patent No. US20020119821A1
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NUMBER OF SEO ID NOS: 75
SOPTWARE: Patentin version 3.1
SEQ ID NO 17
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Best Local Similarity 24.9%; Pred. No. 4.7e-12;
Matches 85; Conservative 57; Mismatches 135;
                                                                                                                                                                                                                                                         Upery Match 12.5%: Secre 198: DB 18: Best Local Similarity 24.9%: Pred. No. 5.1e-12: Matches 85: Conservative 57: Mismatches 135
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TITLE OF INVENTION: No. US20020119521A101 Ecdysone Receptor-Based Inducible Gene E
FILE REFERENCE: A01020B
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CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/191,455
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APPLICANT: Palli, Subba Reddy
APPLICANT: Kapitskaya, Marianna Zinovjevna
APPLICANT: Cress, Dean Ervin
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OTHER INFORMATION: No.
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                                              102 IPELEPDELLAKOOARNIPSETYN OLAVIYKEIWYODGYEOPSEEDERKIMSOPDENESO 160
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                                                                                                  61 APSREEAAKWSQVRKDDCSLKVSLQLRGEDGSVW -- NYKPPADSGGKE1ES-----
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                                                    CURRENT APPLICATION NUMBER: US/09/042,4888 CURRENT FILING DATE: 1998-03-16
                                                                                                                                              TITLE OF INVENTION: METHODS FOR MODULATING EXPRESSION OF EXOREMOTS GENES UTLLE OF INVENTION: MAMMALIAN SYSTEMS, AND PRODUCTS REALIED THERETO FILE REFERENCE: SALKISZU Z
                                                                                                                                                                                                                                                                                                       APPLICANT: NO, DAVID
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ERIOR APPLICATION NUMBER: 08/974,530
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NUMBER OF SEQ ID NOS: 18
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TITLE OF INVENTION: MAMMALIAN SYSTEMS, AND PRODUCTS REALIED THERETO
FILE REFERENCE: SALX1520-2
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APPLICANT: NO, DAVID
APPLICANT: SAEZ, ENRIQUE
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12.5%;
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Score 198; DB 9;
Pred. No. 1.2e-11;
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                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 77: Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CHRRENT AFELICATION NUMBER: US/09/965,704
CHRRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/191,455
PRIOR FILING DATE: 2000-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cress, Dean Ervin
TITLE OF INVENTION: No. US20020119521Alel Ecdysone Receptor-Based (c.proible Gene E
FILE REFERENCE: Auto20H
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NUMBER OF SEC ID NOS: 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 50/259,799 PRIOR FILING DATE: 2001-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentln version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US01/09050
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127
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TOVSERBLIET; ILIVOLIVEFAKGLPAFTKIPOEDO LILIKACSSEVMMIRMARRYDRS
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                                                                                                                                                                                                                                                                                                             12.2%; Score 193.5; DE-10; Length 323;
25.3%; Pred. No. 6.4e-12;
active 55; Mismatches 123; Indels 49; Gaps
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Sequence 3. Application BSZ10003337A
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                                                                                                                                                                SEQ ID NO 15
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Fatent No. US/20020196796A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANI: SCHEAL FALLICK
APPLICANI: BRANELLEY, Didior
APPLICANI: CHIEN, Koomen'
                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/765,111A CURRENT FILING DATE: 2001-01-18
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TILLE OF INVENTION: THEM AND DSES THEREOF
                                                                                                                                                                                                     SOFTWARE: FustSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                ERIOR FILING DATE: 2000-01-20
FRIOR APPLICATION NUMBER: US-60/225,079
FRIOR FILING DATE: 2000-08-14
                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/177, 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: BOSO1/7196/ERP/MAT
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                                                                                                                                                                                                                                               NUMBER OF SECTIONS: 47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/215,466 PRIOR FILING DATE: 2000-06-29
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TITLE OF INVENTION: Transgenic mice containing RORgamma gene
TITLE OF INVENTION: disruptions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 4.0
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TYPE: PKI
ORGANISM: Mus musculus
446 LAFHHHL-CK----THRQGLLAKLPPKGKLRSLCSQHVEKLQTFQHLHFTVVQAAFPPLY 500
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                                                           242 ITLKSYTECNRPQPAHRPLFLKIMAMLTELRSTNAQHTQRLLRTQDTHPFAT-----PLM 296
                                                                                                                                386 FRALGCSELISSIFDESHFLSALCESEDEIALYTALVLINANRPGLØEKRRVEHLØYNLE 445
                                                                                                                                                                                              186 FOOL----ILEPMIKEHYMIKKIOIHEEEYVIMQAISIESPDRPGVIQHRVVDQIQEQFA 241
                                                                                                                                                                                                                                                                    333 AKKLSGFMELCQNDQIILLIAGAMEVVLVRMCRAYNANNHT------VFFEGKYGGVEL 385
                                                                                                                                                                                                                                                                                                                                  129 AKVISYFRDLPIEDQISLLKGAAFELCQLRENTVFNAETGTWECGRLSYCLEDTAGG--- 185
                                                                                                                                                                                                                                                                                                                                                                                                    273 QNVCKSFRETCQLRLEDILRQRTNLFSREEVTSYQRKSMWEMWERCAHHLTEAIQYVVEF 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 11.9%; Score 189; DB 10; Longth 516; Local Similarity 27.0%; Pred. No. 3.7c-11;
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                                                                                                                                                                                                                                                                                                                                                      : Sequence 23, Application US/09765111A 
: Patent No. US20020106796A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 37
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                                                                                                                                                                                                                                                                                                                            ; GENERAL INFORMATION:
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                                                                                                                                                   APPLICANT: Fletcher, Jonathan A.
APPLICANT: KTOLL, Todd G.
TITLE OF INVENTION: PAX8 PPARGAMMA NUCLEIC ACTO MOLECULES
TITLE OF INVENTION: AND POLYPEPTIDES AND USES THEREOF
FILE REFERENCE: B0801/7196/ERP/MAT
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                                                                                              CURRENT APPLICATION NUMBER: US/09/765,111A CURRENT FILING DATE: 2001-01-18
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PRIOR APPLICATION NUMBER: US 60/225,079
                              PRIOR APPLICATION NUMBER: US 60/177,109 PRIOR FILING DATE: 2000 01:20
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Best Local Similarity 22.6%; Pred. No. 7e 11;
                                                                                                                                                                                                      Query Match 11.9%; Score 186; 10:10; Length 840; Hest Local Similarity 22.6%; Prod. No. 7.46 [1]; Matches 70; Conservative 55; Mishatches 109; Indels 76;
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PRIOR FILIN: DATE: 2000 B1 20
PRIOR APPLICATION NUMBER: US 60/225,079
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TYPE: FRF
OPGANISM: Homo Supions
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                                                                                                    575 BALAKIILYDSYTKSFELL
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                                                   74 PKDLCSLKVGLJLRGGDGSVWNYKFPAUSGGKELFSLLFBMADMSTYMFKG
                                                                                                                                                           THE RMMIREIMDAGMKTEDITESSHEKNERIJRIVILSSBTEIDESLQARSK - LEBAAKWSGV 74
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US (69-765-111A-6
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Patent No. US/0920106796A1
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Bost Local Similarity 22.6%; Fred. No. 7.8e 11;
Matches 70; Conservative 90; Mismatches 109; Indels 76; Gaps
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TITLE FOR INVENTION: AND POLYPEPTIDES AND USES THEREOF
FILE REFERENCE: HUBOL/7/196/2FE/MT
CURRENT APPLICATION NUMBER: US/09/765,111A
CURRENT APPLICATION NUMBER: US/09/765,111A
PRIOR PATRICATION NUMBER: US/09/77,109
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FRIOR FILING DATE: 2000-08-14
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NAME/KEY: mise teature
: OTHER INFORMATION: No. US20020119521A1el Sequence
US-09-965-703-19
Search completed: April 15, 2003, 11:33:35
Job time: 21.1249 sees
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Best Local Similarity
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APPLICANT: Cress, Dean Ervin
TITLE OF INVENTION: NO. USZU020119521A1el Ecdysone Receptor-Based Inducible Gene Expr
FILE REFERENCE: A01020B
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PRIOR FILING DATE: 2001-04-21
NUMBER OF SEQ ID NOS: 75
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TYPE: PRT
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Fatent No. 5686574
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INFORMATION FOR SEQ ID NO:
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TELEPHONE: (617) 542 5070
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ATTORNEY/ACENT (NEORMAFION:
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    /A RKDD/SHKVSLOLIKGELGSVWNYKPPADSSMKETESIJJPHMADMSTYMEKGLISEAKVIS I <
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Patent No. 5710017
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INFORMATION FOR SEQ ID NO:
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CAMPULER: IBM PS/Z Model 50Z of 55SX
OPERALING SYSTEM: IBM P.C. DOS (Version 4.40)
SEFTWARE: WordFerfred (Version 5.0)
CURKENT APPLICATION DATA:
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APPLICATION NUMBER: 07/843, 650
FILING DATE: Pedatoary 26, 1992
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    134 YEROLF LEDG (SLLKGAAFEL COLRENTVENAE BITMECGRESYCLEDIA); GEOOLDLE 192
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                                                                                                                                                                                                                                                                                                     Matches 112; Conservative
                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 10:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50% or 558X
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REPERENCE/DOURET NUMBER: 00786/126001
TELECOMMOUNTCATION INFORMATION:
TELEPHONE: (617) 542-8906
TELEPAX: (617) 542-8906
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TITLE OF INVENTION: CAR RECEPTORS AND RELATED
TITLE OF INVENTION: MOLECULES AND METHODS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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                                                                  134 YERDLPIEDUISLIKGAAFELOQLEFNIYENAETGTWECGRISYCLEDTAG GPQQLILLE 192
                                                                                                                                                                                                                   106
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193 PMLKFHYMLKKLQLHEEEYYLMQAISLESPDRPGVLQHRYVDQLQEQEAITLKSYIECNR 252
                                         181 VERSUPTEDQTSULKGAAVETCHTVLNTTFCLQTQNFLCGPLRYTTEDGARVGFQVEFLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
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REGISTRATION NOMBER: 40,162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: HS/07/843,350C FILING DATE: February 26, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                                                                                                                       74 RKDLCSLKVSTQLRGEDGSVWNYKPPADSGGKEIFSLLPHMADMSTYMFKGIISFAKVIS 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGIH:
                                                                                                                                                                                                                 LSKEQEELIRTLLGAHTRHMGTMFEQFVQFRPPAHLE1HHQ PLPTLAP -
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WordPerfect (Version 5.0)
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                                                                                                                                                                                                                                                                                                                    30.3%; Score 479.5; DB l; Length 348; 39.0%; Pred. No. 2.6e-43;
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US-07-737-7368-4
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                                                                                           Query Match
                                                                       Best Local
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NEORMATION FOR SEQ ID NO:
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COMPUTER: INFO COMPUTER: POPPY
OPERATING SYSTEM: PC-DCS/MS-DOS
SOFTWARE: PLICATION DATA:
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 414-277-5715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: Schwartz, Carl R.
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                                                                                                                                                                                       JOURNAL:
VOLUME:
AUTHORS: Defined, Hector F.
TITLE: Isolation and expression of rat
TITLE: 1.25-dihydroxyvitamin D3 receptor cDNA
                                                                                                                                                                                                                                                               AUTHORS: Burmester, James K.
AUTHORS: Maeda, No. 5260199nyo
AUTHORS: Deluca, Hector F.
                                                                                                                                                                                                                                                                                                                                               ORGANISM: Rut
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114: Conserv
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                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Linear
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                                                       30.2%; Score 428; DB 1
37.4%; Pred. No. 40.4%;
ative 57; Mismatches 1
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APPLICANT:
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Patent No. 5932699
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                                                                                                                                          THEORMALION FOR SEQ ID NOT 3:
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APPLICANT: Scol, Wongi
APPLICANT: Choi, Hueng Sik
    SGAL STILLSTON
                                                                                                                                                                                                                                                                              A: FORNEY/AGENT INFORMATION:
NAME: CLAIK, Paul T.
RESITETRATION NUMBER: 30,162
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TITLE OF INVENTION: POLYPEPTIDES AND RELATED MOLECULES AND METHODS NUMBER OF SEQUENCES: 17
                                                                                            REQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Froppy disk
computer: THM PC computible
deberative system: PC bas/MS bas
software: Patentin Refease #1.0, Version #1.0
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                                           STRANDEDNESS: not relevant
                                                                           1715
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DELEPAX: 617/542-8906
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Matches 81: Conservative
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                                                                                              INFORMATION FOR SECTIONS: 4:
                                                                                                                                                            FILING DATE: 13-JAN-1995
ATTORNEY JAGENT INFORMATION:
NAME: CLOCK PAUL T.
REGISTRATION NUMBER: 30,162
REFERENCE/DRICKET NUMBER: 00/786/246001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Moore, David
APPLICANT: Seol, Wonqi
APPLICANT: Choi, Hueng-S
                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: FLOPPY disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-FOS/MS-FOS
SOFTMARE: Patentin belower
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ZIP: 02
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CITY: Hoston
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                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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ToPoLoGY:
                 STRANDEDNESS: not relevant
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: Patent No. 6277976
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Best Local Similarity
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                 INFORMATION FOR SEC ID NO:
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                                                                       TELECOMMUNICATION INFORMATION FELEPHONE: 202-508-9100
                                                                                                                                                                                                                                       PRIOR APPLICATION DATA: APPLICATION NUMBER: PCT/EP95/03247
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   432 KKLEPLISEIWDV 444
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       173 GRESYTTED-TAGGEQUELLEPMEKFHYMEKKEGEHEEEYVEMOATSLESPORFOVEGHE
                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                          FILING DATE: 24 JUN-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           376 RVEALQUEYVEALLSYTRIKREQUOLR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    316 KDFTYSKODFHRAGLQVEFINPIFEFSRAMRKLGLDDAEYALLIAINIFSADKPNVQEPS 375
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                                                                                                            REFERENCE/Docker NUMBER: 00487.04029
                                                                                                                               REGISTRALLON NUMBER:
                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                       SOFTWAKE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CIFY: Washington
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STREET: 1001 d Street, NW
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                                                                                                                                                NAME:
                                                                                                                                                                                                    APPLICATION NUMBER:
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                                    EXHIBIT
                                                      :XV.43T33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - - LGAD
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Fatent No. 560/967
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Best Local Similarity 25.9%; Prod. No. 2.5e 18;
Matches 81; Conservative 55; Mismatches 106; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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INFORMATION FOR SECTIONS:
                                                                                                                                                                            ATFORNEY/AGENT INFORMATION:
NAME: DOTAIL, Catherine A.
RESISTRATION NUMBER: 16,502
REFERENCE/JOCKET NUMBER: 15,416
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLITANT: Schmidt, Azrid
APPLITANT: Voget, Robert
TITLE OF INVENTION: DSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APELITANI: Friedman, Eitan
APELITANI: Holloway, M. Katharine
APELITANI: Rodan, dideen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Modes and Same and Show
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CONTWARE: Patent In Release #1.0, Version #1.25 CHREENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WHOSE STRVOVEN ASSESSMEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               176 844 2
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CUMPUTER: HAM PC COMPATIBLE
OPERALINA SYSTEM: PC DOSYMS DOS
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SIRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 80; Conservative
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                                             INFORMATION FOR SECTIONS: 2:
                                                                                                                                                                                                                                                                                               CHRISTER: THM PY COMPACTIBLE OF SERVICES SYSTEM: PY-DUS/MS DOS SOFTWARE: PAI-CHICH ROLLINGS #1.0, VOISION #1.25 CHRRENT APPLICATION DATA:
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APPLICANI: Holloway, M. Katharine
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                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: Dolan, Catherine A.
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LITTE OF INVENTION: METHOD FOR FINDING RECEIPTOR POLENTIATORS NUMBER OF SEQUENCES: ^{\rm 5}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANI: Vogel, Robert
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                                                                                                          THELES DAMIDATION INFORMATION:
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                                                                                                                                  RESISTRATION NUMBER: 46,502
REFERENCE/DOCKET NUMBER: 19427
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CLIY: Rahway
                                                             TELEPHONE: (908) 594-4284
LELEFAX: (908) 594-4720
LEON THE
                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                       FILLING DATE
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Best Local :
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                 COMPUTER KEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PO-[08/MS-bos
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                  REGISTRATION NUMBER: 36,502
REFERENCE/DOCKET NUMBER: 193
TELECOMMUNICATION INFORMATION:
                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/330,283
FILING DATE: 27-OCT-1994
ATTORREY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rutledge, Si Jame
APPLICANT: Schmidt, Azijeł
APPLICANT: Vogel, Robert
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STREET: 12
CLIY: Rahv
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                                                                                                                                                                                                                          CLASSIFICATION: 536
                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 14-MA
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STRANDEDNESS: single
                                                                                                 NAME: Dolan, Catherine A. REGISTRATION NUMBER: 36,5
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                1: (908) 594-4283
(908) 594-4720
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26.7%; Pred. No. 3e-18;
affive 55; Mismatches 101;
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Best Local Similarity 26.7%: Pred; No. 3e 18:
                                              INFORMATION FOR SECTIONOU
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT: Holloway, M. Katharine
APPLICANT: Rodan, Gideon
APPLICANT: Rulledge, Su Jane
APPLICANT: Schmidt, Azriel
APPLICANT: Vogel, Kobert
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HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE CHARACTERISTICS:
LENGTH: 461 amino acids
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OPERATING SYSTEM: PC 1008/MS-1008
SOFTWARE: Fatentin Reference #1.0. Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                     CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
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                                                                                                              REFERENCE/DOCKET NUMBER: 19327 PCT TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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REGISTRATION NUMBER:
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GENERAL INFORMATION:
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Most Local Similarity 26.7%; Prod. No. 40-18;
Matches 80; Conservative 50; Mismatches 101; Indels
                                                                                                                                                                                                                          THELEFAX: (90B) 594-4720
INFORMATION FOR SEQ ID-NO: 2:
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od BALA Billightow
evitt Bordodol
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NAME: Quaditato, Carok 5, 80
REFERENCE/BOCKET NUMBER: 19416 PCL
REFERENCE/BOCKET NUMBER: 19416 PCL
REFERENCE/BOCKET NUMBER: 19416 PCL
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APPLICANT: Schmidt, Azried
APPLICANT: Vogel, Robert
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APPLICANT: Holloway, M. Ka
                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                   Query Match
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                                                                                                                                               SEQUENCE STANDARD SEQUENCES:
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APPLICANT: SONE, CHING
TITLE OF INVENTION: COMPOSITIONS AND METHODS
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                                                                                                                                                                         TELEFAX: (*)
TELEFAX: 79-8924
TELEFAX: 79-8924
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                                                                                                                                                                                                                                                                               REFERENCE/DOCKEL NUMBER: ARCh154
                                                                                                                                                                                                                                                                                                     RECISIRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/O
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Score 247: DB 1:
Pred. No. 3.80 18:
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                                                                                                                     Query Match 15.4%; Score 244.5; DB 1; Length 44%; Hest Local Similarity 25.6%; Pred. No. 6.7e-18; Matches 80; Conservative 55; Mismatches 107; Indels 71
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                                                                                                                                                                                                                                                                                                TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ARGIS 54
TELECOMMUNICATION INFORMATION:
TELECHONE: (512) 418-3000
TELECHOX: (714) 789-2679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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                                          185 GESEASSQGSGEGEGIQLTAAQELMIQQLVAVQLQCNKRSES----
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OPERATING SYSTEM: PC-DOS/MS-DOS
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57 ESLOAPSREEAAKWSQVRKUL/SSLKVSLOLRGEDGSVWNYKPPADSGGKEIFSLLPHMAD 115
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                                                                                                                                                                                                                                            Matches 65; Conserv
                                                                                                                                                                                                                                                                                Query Match
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INFORMATION FOR SEQ ID No:
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MEDIUM TYPE: Floppy disk
COMPUTER: IMM PC compatible
OPERATING SYSTEM: PC-(NOS/MS-(NOS
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222 PDKPGVLOHRVVIOLQEQEATILKSYTECNKFG-FAHKFLETKIMAMIJELRSTNAGHTG 280
                                                                 435 TENKKILDSGHSDILLEERIRNS GISDEYTTEMESEYKSIDELKMIQEEYAFLIA(VI).S 492
                                                                                                          162 VENAETGIWEGGRUSYCLEDIAGGEQUULLEPMLKEHYMUKKUJULHEEEYVIMQAISLES 221
                                                                                                                                                   275 KEEFSAEENFLILTEMATNHVOVLVEETKKLEGFOTLUHELIGIALLKISAVEAMELISAE 334
                                                                                                                                                                                               105 KETESILPH---MADMSTYMEKGITSEAKVISYEKDLPTEDUTSILKGAAEETOULKENT 161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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No. 1.8e 17; Matches 78; Conservative 58; Mismatches 110; Indels 59;
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TITLE OF INVENTION: NOVEL RECEDERS
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RESERVED STATES AND ASSESSED FOR THE PROPERTY OF THE
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MANGELSDORF Ph.D., DAVID J.
ONG MS., ESTELITA S.
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Patent No. 5696233
                                                                                                                                                                                                                                                 Usery Match (5.2%; Score 240.%; D8.1; Length 440; Best Local Similarity 25.6%; Fred. No. 1.8e 17; Matches 78; Conservative 58; Mismatches 110; Indels 59
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APPLICANT: EVANS
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APPLICANT: YAO MI, TSO FANG NMN
LILLE OF INVENTION: NOVEL RECEPTORS
NUMBER OF SECURENCES: 14
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS DOS
SEFEMARE: Patentin Potes.
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REFERENCE/DOCKET NUMBER: 1931-8
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FILING DATE: 17 SEP-1991
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MEDIUM TYPE: Floppy
COMPUTER: IHM PC CON
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CHERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentlin Release #1.0, Version #1.25
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                                                                                                  Local Similarity
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MANGELSBORF Ph.D., DAVID J.

ONG MS., ESTELITA S.

ORO Ph.D., ANTHONY E.

OROROPH.D., ANTHONY E.

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Patent No. 574766}
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LENGTH: 447 amino acids
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REFERENCE/TOOKET NUMBER: P41 9494
RELECOMMUNICATION: UNGORNION:
TELLEPHONE: 619 546 4737
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CORRESSONNENCE ADDRESS: Profty, Schroeder, Bruesteemann & Clark
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COMPUTER: HAM PC compatible
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                                                                                                                                                                         Matches 65; Conservative
                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                               Best Local Similarity
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APPLICANT:
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MOLECULE TYPE: protein
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TELEPHONE: 617/542-5070
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                                      162 VENAETGTWEGGRUSYGLEDTAGDFQQLLLEPMEKEHYMEKKLQLHEEEYVLMQAISLES 221
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314 TENKKLPAGHADLLEERTRKS--GISDEYTTPMFSFYKSVGFLKMTQEEYALLTAIVILS 371
                                                                                   254 KEEFSAEENFLILTEMATSHVOTLVEFTKKLPSFQTLDHEDQTALLKGSAVEAMFLRSAE 313
                                                                                                                              105 KETESILPH---MADMSTYMEKGITSFAKVISYERDI.PIEDQTSLIKGAAFELCQIKENI 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: 1BM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTRATION NUMBER: 30,162
REFERENCE/DO:KET NUMBER: 00786/246001
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Choi, Huebq-Sik
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                                                                                                                                                                                                                                                                                                                                                                  Matches 65;
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APPLICANT: Choi, Hueng-Sik
RITLE OF INVENTION: RETINOLD X RECEPTOR INTERACTING
IITLE OF INVENTION: POLYPEPTIDES AND RELATED MOLECULES AND METHODS
NUMBER OF SEQUENCES: 17
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ATTORNEY/AGENT INFORMATION:
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429 MLMSWKVNICHKE-TELLCELWOV 450
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COMFUTEK: IBM PC COMPATIBLE
OFFRATING SYSTEM: PC DASYMS DOS
SOFFWARE: Patentin Release #1.0, Version #1.40
                                            54 KTT--BIODIHBEVIEWORTEGI 305
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REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00
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Fatent No. 5932699
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                                                                                                                                GENERAL INFORMATION:
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APPLICANT: Seel, Word;
APPLICANT: Seel, Word;
APPLICANT: Choi, Hardy Sik
FITLE OF INVENTION: REFINOID X REFERD RELATED MOLECULES AND METHORS
FITLE OF INVENTION: POLYPERTIOES AND RELATED MOLECULES AND METHORS
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NAME: Clark, Paul I.
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FELECOMMUNICATION INFORMATION:
TELETRONE: 611/542/5070
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APPLICANT: Choi, Bueng Sik
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APPLICANT: Weinberger Cary A.
TITLE OF INVENTION: METHOD FOR MODILATING PROCESSES MEDIATED
TITLE OF INVENTION: BY FARNESOID ACTIVATED REGEPTORS
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Prectty, Schroeder, Bruequemann & Clark
STREET: 444 South Flower Street, Suite 2000
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ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DAIA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   162 VENAE - TOTWECGRESYCLEDTAGGEQQUILLEPMIKEHYMEKKEQLHEEEYVIMQAISI 219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      105 KELESLLPH---MADMSTYMFKGLISFAKVISYFROLPTEDQISLLKGAAFELCQLRFNT 161
                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTER: IBM PC COMPUTER: OFFRATING SYSTEM: PC-PUSZMS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        279 TORLL--RIQDIHPFATPLMOELFGI 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                220 FSPURPGVLQHRVVDQTQEQEAITEKSYIECNRPQ-PAHRELELKIMAMLTELRSINAQH 278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    488 ISPORQYIKDREAVEKIJEPILIDVIJOKIČKIYOPENPOH---FACILGRITELRIFNHHH 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9844
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14.6%; Score 231.5; DB 3 32.5%; Pred. No. 1.8e-16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    388 LSPDRQY1KDREAVEKLQEPILDVIQKLCK1YQPENPQH---FACLL&KLIELK1FNHHH 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      105 KETESTIPH---MADMSTYMFKGITSFAKVISYFRDIPTEDGISLIKGAAFED GIRENT 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  279 TQRLL- RIODIHPFATPLMQELFG1 302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         332 IFNKKLEPOTOTOWKKEE--ERAASPMR--YITPMESEYKSVGELKMTQEEYALLIAIVI 387
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                                                                                                                                                                                            COMPUTER READDABLE FORM:
MEDIUM TYPE: Floopy disk
COMPUTER: HBM PC computible
OPERATING SYSTEM: PC-bosyMS-bos
SOFTWARE: Patenth, Release #1.0, Vorsion
                                                                       APPLICATION NUMBER: US/09/696,443
FILING DATE: 24-cort-2000
CLASSIFICATION: -UIRKNOWN -
FRICK APPLICATION DATA:
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ADDRESSEE: Profty, Schroeder, Brueddemann & Clark
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Weinberger, Cary A.
ILILE OF INVENTION: METHOD FOR MODULATING PROCESSES MEDIATED
                                                                                                                                                                          CURRENT APPLICATION DATA:
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ACTORNEY/AGENT INFORMATION:
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                       APPLICATION NUMBER: 08/372,18 < FILING DATE: <Unknown>
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Best Local Similarity 82.5%; Pried. No. 1.8e-16;
                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08764870
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                                       INFORMALION FOR SECTIONS:
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SEQUENCE CHARACTERISTICS:
                                                                                                                          LEGISCOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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TILLE OF INVENTION: Binding behaviors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WIND NOTINGUISHAN BUILDER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    445 AEMIMSWRVND-HKE-TPILLTETUV 468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2/2 KEEFSAEENFIILIEMATSHVOILVEFIKKLEGFQFIDHEDQIALLKGSAVEAMFIRSAE 331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOTAL KELESILIPH MADMSTYMERGITISEAKVISYERDIJETEDJISI LKGAAFED (CLRENE TO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
CAMPUTER: HAM TO CONDUCTINE
COPENATION: SYSTEM: TO DOSZMS DOS
SUFTWARE: Fatentin Release #1.0, Version #1.40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       332 FNKKLLEGIQICWKKEF--ERAASPMR YITEMESEYKSVGELKMIGEEYALLIAIVI 387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16.2 AENVE: JOHMEGGERFAAGTERIAGEFÄNTTERMIRKHÄNTRKTÄTHEEAANTWÖVIST 51a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/008,544 FILING DATE: 14 DEC 1995
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                                                                                                                                                            REFERENCEZDOCKET NUMBER: 85,966
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                                                                                  TELEPHONE:
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West, Brian
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14 DEC 1995
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Overy Match 14.4%; Score 228; DB 4; Best Local Similarity 27.1%; Pred. No. 4.2e-16 Matches 72; Conservative 41; Mismatches 12
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                                                                                                                                                                                                                                                                                                               SEC II NO 3
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EARLIER APPLICATION NUMBER: 60/008,543
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EARLIER APPLICATION NUMBER: 50/008,506
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CURRENT FILING DATE: 1997-11-26
EARLIER APPLICATION NUMBER: 08/764,870
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                                                                                                                                                                                                                                                                                                                                                        EARLIER FILING DATE: 1995:12:13
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                          EARLIER APPLICATION NUMBER: 50/008,540
                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER FILING DATE: 1995-12-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Apriletti, James W.
                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Ver. 2.0
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TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                  NAME/KEY: DOMAIN
LOCATION: (211)...(461)
OTHER INPORMATION: minimal ligand binding domain
                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                  LENGTH: 461
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       54 ELPEST: QAPSREEAAKWSQYRKDLCSLKVSLQLRGEDGSVWNYKPP-------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RAAVRYDPESETLIINGEMAVIRGOLKNGGLGVVSDAIEDLGMSLSSENIDDTEVALLQA 475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RENTVENAETGTWEC-GRISYCLEDTAGGEOQLILEPMIKEHYMIKKEQLHEEEYVIMQA 216
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                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                     APPLICANT: Jepson lan
APPLICANT: Greenland, Andrew
APPLICANI: Martinez, Alberto
TITLE OF INVENTION: A Gene 9
FILE REFERENCE: PPD50047/DS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
CURRENT APPLICATION NUMBER: DS/08/653.648A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/07/134,130 FILING DATE: 17-DEC-1987
                                                                                                                                                                                                                                                                                                                              <28 CHASKFI.HMKVECP1 ELLEPLELEVE</p>
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                                               A Gene Switch
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Hest Local Similarity 26.8%; Prod. No. 6.4e 14;
Matches 79; Conservative 55; Mismatches 119; Indels 42;
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APPLICANT: Bartel John D
APPLICANT: Bacterick, Robert J
APPLICANT: Washer, Brehard L
APPLICANT: Kushier, Bester J
APPLICANT: West, Brian
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; GENERAL INFORMATION:
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Nest Local Similarity 25.29
Matches 70; Conservative
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APPLICANT: West, Brian L.
APPLICANT: Shiau, Andrew K.
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APPLICANT: Kushner, Peter J.
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                                                                                         EARLIER APPLICATION NUMBER: 60/008,543
                                                                                                                               FARLIER APPLICATION NUMBER: 60/008,666
EARLIER FILING DATE: 1995-12-14
                                                                                                                                                                                                                    EARLIEK APPLICATION NUMBER: DBZ764,870
                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: UCAL 246/02US
                                                                                                                                                                                                                                                                                                                                                                                                                                                            LITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS
                                          EARLIER FILLING DATE: 1995-12 14
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REFERENCE/DOCKET NUMBER: 0:AL 246/01US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SECUENCE CHARACTERISTICS:
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APPILICATION DATA:
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APPLICALION NUMBER: 60/008,540
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 13:0%; Score 206.5; DB 6; Length 410; Hest Local Similarity 25:2%; Pred. No. 7.3e-14;
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APPLICATION NUMBER: 405,342
FILING DATE: 11-SEP 1989
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TITLE OF INVENTION: HUMAN THYROID HORMONE RECEPTOR DNA
NUMBER OF SEQUENCES: 2
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313 DTEVALLQAVILLMSTORSGLLCVDKTEKSQEAYILLAFEHYVNHRKHNICH FWCKILLMK «/o
                                                                                                   25 © GCCMEIMSLRAAVRYDPESDTLTLSGEMAVKREQLKNGGLGVVSDAIFELGKSLSAFNLD (12)
                                                                                                                                                                                                         193 PDD1GQSPIVSMPDGDKVDLEAFSEFTKIITPAITRVVDFAKKLPMFSELPGERQT CLLK 252
                                                                                                                                                                                                                                                                                                             141 NREFREKEEMIR ---- -- SLOOKPEPTPEEWDLIHIATEAHRSTNAGGSHWKORRKFL 1-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/07/830,766
FILING DATE: 03-FEB-1992
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                                                                                                                                                                                                                                                                                                                                                                63 SKEEAAKWSQVRKOLOSLKVSLQLRGE - - - - - - - - - - - - - - - - 100SVWNYKP - - - 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 410
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                             EBEYVI.MQATSI.FSPDRPOVI.QHRVVIQI.QEQFAJTI.KSYIEKUNRPQPAHKFI.FI.KIMAM 267
                                                                                                                                                                                                                                                            PADSGGKETESL ------LPHMADMSTYMEKGTISEAKVISYERULPTEDQTS: LK 148
                                                                                                                                                      CAAFELCULKENTVENAETGIWE-CBRISYCLEDTAGGEQULLLEPMLKFHYMLKKIGLH 202
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                                                                                                                                                        Matches
                                                                                                                                                                        Overy Match 12.8%; Score 202.5; DB 4; Laugth 410; Best Local Similarity 24.8%; Pred. No. 2e-14;
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                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REALBABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HMM PC computatible
OPERATING SYSTEM: PC LAS/MS-1808
                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 14 DEC 1995
ATTORNEY/AGENT INFORMATION:
NAME: NAKABULLA, JACKÍC N
RESISTRATION NIMBER: 35, 966
REFERENCE/DOWKET NUMBER: UCAL
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Nuclear Receptor Ligards and Ligard
TITLE OF INVENTION: Binding Domains
NUMBER OF SEQUENCES: 16
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APPLICANT: Wagner, Richard L
APPLICANT: Kushner, Peter J
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PRIOR APPLICATION DATA:
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APPLICANT: West, Brian
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Buttont No. 6266622
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TELLE OF INVENTION: NUCLEAR RECEPTOR LUCANDS AND LIGAND BINDING DOMAINS
FILE REFERENCE: UCAL 246/2018
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EARLIER APPLICATION NUMBER: 607008,540
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Baxter, John D.
Fletterick, Robert J.
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Maximum DB seq length: 2
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Pertect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

US-09-143-828-4

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: [Deduced amino OTHER INFORMATION: acid sequence of vitamin D receptor related OTHER INFORMATION: daming-2 (VDRRG-2)]

Matches 434; Conservative Query Match Best Local Similarity

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ALIGNMENTS
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GENERAL INFORMATION:
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EARLIER FILING DATE: 1998-01-09
NUMBER OF SEQ ID NOS: 45
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                                                                                                                                                                                                                          VVPGTOEGEATITIKSYTIECNREGEARKEIJEIK (MAMIJ EITKS (NAGHJ GKITTR I GET HEFT) 4 ko
VVINOLOEQEA LILKSY LECNREQEAHRELELK I MAMIJELKS I NAQHI QRLLK I QOLIHEE 4 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 2171; DR 9;
Pred. No. 1.3e 199;
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TYPE: amino acid

TOPOLAGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-153-827-2
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INFORMATION FOR SEC ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                               197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           137 PEGYOGETEBORMMIRELMDAQMKTFUTTFSHEKNFRLPGYLSSGCELPESLQAPSREEA 196
                                                        376 YIEONK POPAHRELELKIMAMLTELRSINAQHTQRLLRIQDIHPEATPIMQELEG 430
                                                                                                                                                                             316 QULLLEPMI.KFHYMLKKI.QI.HEEEEYVI.MQAISI.FSPDRPGVI.QHRVVDQI.GEQFAITI.KS 375
                                                                                                                                                                                                                                               208 FAKMLPYFKSLDTEDQTALLKGSVAEVSVIKFNTVFNSDTNTWEGGPFTYDTEDMFLAGF
                                                                                                                                                                                                                                                                                                     257 FAKVISYFKDLPIEDQISLLKGAAFELCQLRENIVFNAETGIWEGGRESYCLEDI AGGE 315
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NAME: ROLLER, SLEPHON E.
REGISTRATION NUMBER: 33,192
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Gray Cary Ware & Freidenrich, LLP
STREET: 4365 Executive Dr. Suite 1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: P41 9887 TELECOMMUNICATION INFORMATION:
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TITLE OF INVENTION: A NOVEL RXK-DEPENDENT SIGNALING PATHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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FIDSQRPPSPQNRLLYPKIMECLTELRTVNDIHSKQLLEIWDIQPDAIPLMREVEG
                                                                                                                                                                                                                                                                                                                                                                                                                               AKWSOVRKDLCSLKVSLQLRGEDGSVWNYKPPADSGGKE1FSLLPHMADMSTYMFKG11S-256
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                                                                                                                       RQLFLEPLVRIHHMMRKLNVQSEEYAMMAALSIFASYRPGVCDWEKIQKLQEH(ALILKD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: <Unknown >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWAKE: Patentin Release #1.0, Version
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STATE: CA
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GENERAL INFORMATION:
APPLICANT COSE.
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: Patent No. US/0020152479Al
: GENERAL INFORMATION:
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// Patent No. US20020152479A1
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US-09-760-364-1
                                                                                                                                                                                                                                                                                    08-09-760 364 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 1
LENGIH: 348
                APPLICANT: Lehmann, Juersen Michael APPLICANT: Shiau, Andrew Kwan Nan APPLICANT: Tularik Inc.
THILE OF INVENTION: CAR Modulators: Scree TITLE OF INVENTION: Hypercholesterolemia FILE REFERENCE: 018781-044110US
CURRENT APPLICATION NUMBER: US/09/760, 664
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APPLICANT: Intarik Inc.
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CURRENT FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                           319 LESINEAYGYQIQHIQGLSAM-MPLLQEL 346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             124 HMGTMEEQEVÇERPPARLETHHQ PLPTLAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              161 TEDTTESHEKNEKLPGVLSSGCELPESLQAPSKEEAAKWSQVKKDL/SLKVSLQLKGED; 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  101 KCLESGMKKEMIMSDEAVEERRALIKKKKSERTGTOPLGVOGLTEEOHMMIKELMDAGMK 160
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11 CVVCCLQATGYHENALICEGCKGFPRKTVSKSIGPTCFF AGSCEVSKIQKKECPACKLJ 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         41 CRYCGDKATGYHENVMTCEGCKGFERRAMKRNARLRCPERKGACET1RKTRKQCQACKLR JOC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VEICHIVENLIFCLQTQNFLCGPERYFIEDGARVJEQVEFLEILFHFHJTLRKLQLQEPE 258
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          YVII.LAAMALESPDRPGVIGRDEIDGI.GEEMALTI.GSYIKGQGRKPRDRFI.YAKJ.I.GILLAE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2001:01 12
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J. Patent No. 8820020152479A1
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                                                                                                                                                                                                            LNGOOKEL 12:
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US-09-760-464-3
: Sequence 3, App
: Patent No. US20
: GENERAL INFORM
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US 10 013-823-3
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Sequence 3, Application US/10013823 Patent No. US20020116731A1
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Best Local Similarity 39.1
Matches 126; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/760,364
CURRENT FILING DATE: 2001-01-12
FRIOR APPLICATION NUMBER: US 60/176,398
PRIOR FILING DATE: 2000-01-13
NUMBER OF SEQ ID NOS: 14
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APPLICANT: Shiau, Andrew Kwan-Nan
APPLICANT: Tularik Inc.
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                                                                                                                                                                                                                            DQ1S1.LKGAAVE1LH1SLNTTECLQFENFECGPLCYKMEDAVHAGFQYEFLES1LHFHKN 258
                                                                                                                                                                                                                                                                    DQTSLLKGAAFELCULKENT VENAETGTWECGRLSYCLEDTA-GGFQQLLLEPMIKFHYM-329
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RRHCPACKLQKCLNVGMRKUMILSAEALALRRARQAQRRAEKASLQ+++++-1.NQQQKEL 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KROCOACRIRKCIESGMKKEMIMSDEAVEERRALIKRKKSEKTGTOPLGVOGITEEORMM 150
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34.1%;
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Pred. No. 5.2e-47;
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PRIOR APPLICATION NUMBER: BS 60/254,801
PRIOR FILING FALE: 2000-12-11
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NUMBER OF SEQ ID NOS: 5
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ORGANISM: Homo sapious
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                                                                                                                               417 IHPFATPLMOELEGI 431
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           37 GPQTCRVCGDKATGYHENVMTCEGCKGFERRAMKRNAKLKOPEK KGACETTRKTRKQCQ 95
                                                                                                                                                                             PGRVEALQQFYVEALLSYTRIKKFODQLR - - FPRMLMKLVSLR ILSSVHSEQVEALRLQD
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                                                                                     --KKLEPLLSEIWDV 459
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: Sequence 2. Application BS/10013823 : Patent No. US20020116731A1 : GENERAL INFORMATION:

APPLICANT: Gwenther, Catherine
APPLICANT: Phillips, kassell
APPLICANT: A. Her, Keith b.
APPLICANT: Zhang, Qin
APPLICANT: Zhang, Qin
APPLICANT: Bariband, Helene
THILE OF INVENTION: TRANSCENIC MICE CONTAINING RELIPORD X
THE OF INVENTION: KEICEPICK INTERACTING PROTEIN GENE DIS

GENE LISRUPLIENS

FILE REFERENCE: R-684

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Best Local Similarity
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                                                                         436 PLLSEIWDV 444
                                                                                                                    453 PLMCELECT 431
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                                                                                                                                                                          MO LUCEYVEALLSYTKIKREGIGER
                                                                                                                                                                                                                     600 TUPEOFATTIKSYTEYNRPOPAHRELELKIMAMITELKSINAOHIURI - I.KIODTHPFAI 422
                                                                                                                                                                                                                                                                     420 YSKREFHRAGLQVEFINDIFEFSRAMRRIGLDDAEYALLIAINIFSADRPNVQEESKVEA 479
                                                                                                                                                                                                                                                                                                                     466 YOLER TAGERQUILLERMIKEHYMIKKIQIHEEEYVI.MOATSI.ESPURROVI.QHKVVIQ 464
                                                                                                                                                                                                                                                                                                                                                                     253 SVQETVDFAK9VF0F1.01.6REDQTALLKASTTETMLLETARKYNHET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                37 OPOLITEVIGENA IGYHENYMICEGOKGEFEKAMKENARLEGIFEK KGACELITEKTEKOGO 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE DESCRIPTION: SEQ ID NO. 2:
SEQUENCE DESCRIPTION: SEQ ID NO. 2:
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FILING DATE: 19 Jul 2001
CLASSIFICATION: «Buknown»
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REGISTRATION NUMBER: 32141
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FILING DATE: 16 AUG 1994
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FILING DAIE: «Unknown»
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Sequence 2, Application US/0909425
Futent No. US/0020115847AI
GENERAL INFORMATION:

APPLICANT: ENMARK, EVA

GUSTAFSSON,

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Best Local Similarity
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  423 PLMQELFGI 431
                                                                                                                                         320 YSKDDFHRAGLQVEFINPIFEFSRAMRRIGLDDAEYALLIAINIFSADKPNVQEPSKVEA 375
                                                                                                                                                                                                                                                                                                                                                                         190 APSREEAAKWSQVRKULGSLKVSLQLRGEIGSVWNYKPPADSGGKEIFSLLPHMADMSTY 249
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                                                                                                                                                                                    306 YOLED-TAGGPOOLLLEPMLKFHYMLKKLOLHEEEYVLMQAISLFSPDRPGVLOHRVVFO 364
                                             380 LOOPYVEALLSYTKIKRPQDQLR--FPRMLMKLVSLRTLSSVHSEQVFALRLQD--KKLP 438
                                                                                                                                                                                                                                    263 SVQETVUFAKQVPGFLQLGREDQIALLKASTIEIMLLETARRYNHET: - ECUTELKDET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    37 GPQICEVCGDKATGYHENVMTCEGCKGEEKKAMKRNARLRCPER-KGACEITRKTRRQCQ 95
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                                                                                         LQEQFAITLKSYIECNRPQPAHRFLFLKIMAMLTELRSINAQHTQRL--LRIQDIHPFAT 422
                                                                                                                                                                                                                                                                             MEKGIISFAKVISYFROLFTEDQISLLKOAAFELOOLRENTVENAETGTWEC----GRLS
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REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 0
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FILING DATE: 19-Jn1-2001
CLASSIFICATION: SUnknown>
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COMPUTER: IBM Compatible
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28.9%;
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Pred. No. 2.3e-38;
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: Patent No. US20020128461A}
: GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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SEQUENCE CHARACTERISTICS:
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                                          190 APSREEAAKWSQVRKULOSLKVSLQLRGEDGSVWNYKPPADSGGKEIFSLLPHMADMSIY 249
                                                                                                                                                                           1/4 LOKLEKOKEAGMEEQOVLSEEQTEKKK--10KQQQQQFFFFF1EFASGSSAKFAASFF1/SE /191
                                                                                                                                                                                                                      96 ACKLEKCLESOMKKEMIMSDEAVEERRALIKEKKSEK
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ADDRESSEE: Baumer & Witcott
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TITLE OF INVENTION: OR-1 ON ORPHAN RECEPTOR BELONGING
TO THE NUCLEAR RECEPTOR FAMILY
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ 1D NO:
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                                                                                        ASSQGSGEGEGTQLTAAQELMTQQLVAAQLQCNKRSES
                                                                                                                                LGVQG--------LTEEQRMMIRELMDAQMKTFDTTFSHFKNFKLEGVLSSGCELFESIQ 169
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APPLICATION NUMBER: UK 9413536.2
FILLING DATE: 16-AUG-1994
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EILING DAIE: 19-Jul-2001
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SIAIF: DC
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Requence 1. Application UE/10188/21
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Sequence 2, Application US/101593/9 Publication No. US20030022290Al GENERAL INFORMATION:

APPLICANT: Evans, Rohald M.

Weinberger, Cary A

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: ORGANISM: Homo sapieus
US-[a-188-72]-]
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Matches 129; Conserv
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APPLICANT: SID, MANTSH
LITE OF INVENTION: NRHHA NUCLEAR RECEPTOR RINGING COMPOUNDS
FILE REFERENCE: 5.4904-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SECTIONALS: 5
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44.3 ELECTENHHAEMIMSWRVND-HKE TELLICETWOV 475
                                           THE FOR A STREET REPORTED AND STREET AND STR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    212 LKKNVKQHADQTVNEDSEGROLRQVTSTTKSCKEKTE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         153 KSTEKNAVYKOK NGGNOVMOMYMRRKOUEORIERKOKEMOMLAEOMYTGIIITETQOKSKR
                                                                                                                                                                                                                                                                                                                                                                                                               200 AFELOGERFNIVENAETGIWEGGRESYCLEDTAGGFQOLLEFMEKFHYMEKKIQLHEEE
                                                                                                                                                                     386 YALLIATVILSPORQYTKOREAVEKLQEPIJDVIQKICKTBQPENPQB
                                                                                                                                                                                                                                               44. AATWÖVISTERANGALIÖLINGELÄSTITVALÖTÖRIAAHBOTEKINVALETISTVÕINAA 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     220 GSVWNYKPPADSGGKETESLLPHMADMSTYMFKGTTSFAKVTSYFRDLPTEDQTSLLKGA 279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12 ADEABCEOTE - - SALGKESANVOE EAGGEOTGRAGGERALGAHENAMIGEGERGEER 22
                                                                                                                                                                                                                                                                                                                                      AVEAMETIKSAETENKKIPSGHSDILLEEKTKNS GISDEYT FEMESEYKSTGELKMEGEE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20,2%; Score 46+5; 198 9
28,4%; Pred. No. 4,5e (6)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TEMATINIPOVEREKKLIANTOTEROTIALIKOS
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MOLECULE TYPE: profein
SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-155-479-2
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Best Local s
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        142 EGCKGFFRRSITKNAVYKOK-NGGNOVMDMYMRRKOQDCRLRKCREMOMLAECHLIETQC 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          201 KSKR-LRKNVKQHADQTVNEDSEGRDLRQVTSTTKL//REKTELTVDQQTLLDY1MDSYSK-259
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                                                          398 FELRSINAUHTURLE RIUDIHPFATPLMUELFGI 431
                                                                                                                                                                                                                                                                                                                      281 FELOQURENTVENAE-«TÖTMEGGRUSYCLEDTAGGFOQLILLEPMUKEHYMIKKIQUHEE 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        260 Q------RMPQEII------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 19.8%; Score 454; DR 9; Length 469;
Local Similarity 28.9%; Pred. No. 3.6e-35;
hes 182; Conservative 79; Mismatches 141; Indels 104;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88 PTES-----VYOGETEVSEMPVTKKPKMAASSAGRIKGDELCVVCGDRASGYHYNALTC 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 PKESWNHADEVHCEDTE----SVPPGKPSVNADE--EVGGPQTCRVCGDKATGYHENVMTC 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1HM PC computible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AFTCHNEY/AGENT INFORMATION:
NAME: Reliter, Stophen E.
REGISFRATION NUMBER: 81,192
REFERENCE/DOCKET NUMBER: P41 9844
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 619 546-4737
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TELRTFNHHHAEMIMSWRVND-HKF-TPILICEIWDV 468
                                                                                                                          EYALLTATVILSPDRQYTKDREAVEKLQEPLLDVLQKLCKTYQFENPQH---FAGLLGRL 434
                                                                                                                                                                                               EYVLMQAISLESPORPSVLGHRVVDQLQEQEAITLKSYIECNRPQ-PAHRELELKIMAML 357
                                                                                                                                                                                                                                                         VEAMFLESAELFNKKLLEDIG FOWKKEE --ERAASPME--YLTEMESEYKSVGELKMIGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BUCKGFFRRAMKKNARLKOPFRKGACEITRKTRROCQACKLKKCLESGMKKEMIMSDEAV 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 469 amino acids
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CLASSIFICATION: <Unknown>
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STATE: CA
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: Sequence 2. Application US/09814604 : Publication No. US/0030003517Al : GENERAL INFORMATION:

RESULT 19 (IS 09 814 - 604

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: Patent No. US20020177564A1
: GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: NO, DAVID
APPLICANT: SAEZ, ENRIQUE
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TRIOR APPLICATION NUMBER: 08/974.530
PRIOR FILING DATE: 1997-11-19
PRIOR APPLICATION NUMBER: 08/628.830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/042,488B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS FOR MODULATING EXPRESSION OF EXOREMOS GENES IN
TITLE OF INVENTION: MAMMALIAN SYSTEMS, AND PRODUCTS REALITED THERETO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Ver. 2.1
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NUMBER OF SEQ ID NOS: 18
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                                                        390 FLKIMAMITELKSTNAGHFOR
                                                                                                             421 SMKVDNVEYALLTATVIES-DEPGLEKAQLVEATQSYYTDILRIYI LNRHGGDSMSLVE 478
                                                                                                                                                                                                                              368 SSEVMMLKMARKYDHSSDSTFFANNRSYT - RDSYKMADMADN ----TEDLLHFCKOMF 420
                                                                                                                                                                                                                                                                                                                                            308 EDERKIMSOPDENESOTIVSFRHITEITTILIVOLIVEFAKGEPAFTKIPQEIQTILIKAS 307
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YAKLLSILIELRILGNQNAEMOESIKIKNRKLPKELEEIWDVHAI PPSVQSHLQII 534
                                                                                                                                                                      KLOCHEEETYVLMOATSLESPIDRPGVLQHRVVBOLQEQFAFTLKSYTECNR++POFAHRFL-489
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27.58; Pred. No. 8.9e-33;
                                                                                                                                                                                                                                                                                   -NTVFNAETGTWECGRLSYCLEPTAGGFQQLLLEFMLKFHYMLK 331
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Patent No. US/002/0077457AL
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                                  NUMBER OF SECTIONS: 7
SOFTWARE: Parentin version 4.0
                                                                                                                               PRIOR APPLICATION NUMBER: US 07/374,407 PRIOR FILING DATE: 1989/06/22
                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 08/486,325
PRIOR FILING DATE: 1995 06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COPRENT FILLING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CHERENI APPLICATION NUMBER: US/09/797/727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: TAKAKU, FUNCTIONED ACTO RECEPTOR
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NUMBER OF SECTION 103:52
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FILE PERFERENCE: P AR 4528
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PRIOR FILING DATE: 1990-06-22
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                                                                                                                                                                                                                                                                                                  Query Match
Best Local :
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                                                                                                                                                                                                                                                                         Matches 126;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kiein, Elliott S.
APPLICANT: Chandraratna Roshantha A.
TITLE OF INVENTION: Methods of Detecting Dissociated Nuclear
TITLE OF INVENTION: Hormone Receptor Ligands
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/814,604 CURRENT FILING DATE: 2001-03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Hormone Receptor Liquids FILE REFERENCE: P-AR 4528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ tor Windows Version 4.0
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Local Similarity 27.7%; Pred. No. 3.2e-32;
Hos 125; Conservative 83; Mismatches 159)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 325 KAQLVEA1QSYYIDTLRIYI-LNRHCGDSMSLVFYAKILSILTELRTLGNQNAEMCFSLK 383
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141 OGLTEBORMMIRELMDAOMKTFOTTFSHFKNFRLPGVLSSGCELPESLOAPSKEEAAKWS 200
                                                            127 DKNCTINKYTKNROQYCROQKCFEVGMSKESVRNDR---
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hes 126; Conservative
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                                                                                                                                                               EIVPSPPSPPPLPRIYKP--CEVCQDKSSGYHYGVSACEGCKGEERRSIQKNMVYTC-HR 125
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                                                                                                                                                                                                                                                                                          18.0%; Score 413; DB 9; Length 462; 30.7%; Fred. No. 3e/31;
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CURRENT FILING PATE: 2001-08-31
PRIOR APPLICATION NUMBER: US 08/486.325
PRIOR FILING DATE: 1995-06-07
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TITLE OF INVENTION: GAMMA RETINOIC ACID REMEPTOR
FILE REFERENCE: SALKHI150-3
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PRIOR FILING DATE: 1990-06-22
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246 LEGETTLITAGOTTLIKAACLDILILRICIKYTPEQDIMIESDGLILNRIQMHNAGEGE
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                                                                                                                                           QVRKDLCSLKVSLQLRGELGSVWNYKPPADSGGKELFSLLFHMADMSTYMFKGLISFAKV 250
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Fred. No. 3e 31:
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Nest Local Similarity 25.5%; Fred. No. 1.2e (8);
Matches 140; Canservalive 89; Mismatches 174
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SETWARE: Patentin Ver. 2.1
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Matches 128; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 08/974,530 PRIOR FILING DATE: 1997-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/042,488B CURRENT FILING DATE: 1998-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHODS FOR MODULATING EXPRESSION OF EXOGENOUS GENES IN
TITLE OF INVENTION: MAMMALIAN SYSTEMS, AND PRODUCTS REALIED THERETO
FILE REFERENCE: SALK1520-2
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368 SSEVMMLRMARRYDHSSOSIFFANNRSYT -- RDSYKMAGMADN - - - - TEULLHFORQMF 420
                                                                                                                                                                                                                                                             174 LPCVLSSGCELPESLOAPSREEAAKWSQVRKDLCSLKVSLQLRGELSSVW···NYKPPAD 240
                                                                                                                                                                                                                                                                                                                    211 KRREKKAQKEKDKMTTSPSSQHGGNGSLASGGGQDFVKKELLDLMT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y Match 17.9%; Score 410; DB 9; Length 746; Local Similarity 26.8%; Pred. No. 1.1e-30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 CKGFFRRAMKRNARLROPFRKGACEITRKTRROCOACRLRKCLESGMKKEMIM-SIEAVE 115
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                                                                                                                                                           ---LLPHMADMSTYMFKGIISFAKVISYFRDLPIED@ISILKGA 279
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CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/191,355
PRIOR EILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/269,799
PRIOR FILING DATE: 2001-02-20
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APPLICANT: Palli, Subba Reddy
APPLICANT: Falli, Subba Reddy
APPLICANT: Kapirskaya, Marianna Zinovjevna
APPLICANT: Cress, Dean Ervin
TITLE OF INVENTION: No. US20020119521Alel Ecdysone Receptor Hased Inducible Gene E
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NAME/KEY: misc_teature
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410 KLLRIQUINPEATPLMUELEGI 441
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                                                        414 DRPGLEQPQLVEETQRYYLNTLRTYT-LNQLSGSARSSVTYGKTLSTLSELKTLGMONSN 472
                                                                                                                45.2 DRPGVLQHRVVDQLQEQEATTLKSYTECNRPQPAHR - -FTFLKTMAMITETRSTNAQHTQ
                                                                                                                                                                           255 DAASDSVLEANNQAYTRONYRKAGMAYVIEDLLHEGROMYSMALDNIHYALLTAVVIES
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; GENERAL INFORMATION:

APPLICANI: Bohm and Baas Company APPLICANT: Palli, Subba Reddy APPLICANT: Kapitskaya, Marianna

Kapitskaya, Marianna Zinovjevna

Sequence 59, Application US/09965703 Entent No. US20020119521A1

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Patent No. US20020119521A1
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APPLICANT: Palli, Subba Reddy
APPLICANT: Palli, Subba Reddy
APPLICANT: Kapitskaya, Marianna Zinovjevna
APPLICANT: Gress, Dean Ervin
THILE OF INVENTION: No. US20020119521A1el Endysone Receptor Hased Inducible Gene E
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PRIOR APPILICATION NUMBER: PCI/US01/09050
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PRIOR FILING DATE: 2000-04-22
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                                                                                                                                                                                                                                                                                                204 ESPETIKKTTOTWOOALDENEESDITPEROITEMITHITVOLTVEEAKGLEGEAKTSOPROT 203
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                                            (v) LKIMAMITELKSINAQBTORLLRIGHTBPATELMQELEGI 431
                                                                                                                                            *** LOTHEREAATWOTSTESHORDOATORIKAADOTOEORULLIKSA IBANKEABURK ETE 840
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ARE UKILSILSELKILSMONSNMOISIKLKNKKLIFFELETIWDV 4/22
                                                                                                424 MALDNIHYALLIAVVIES DREGLEGEGLAVESTVETVILLET LINGLSGSARSSVIY
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26.2%: Pred: No. 1.2
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                                                                                                                                                                                                                                                                                                                     RESULT 31
US-09-814-604-3
                                                                                                                                                                                                                                  Sequence 3. Application US/USH14504
Publication No. USZ0030003517A1
GENERAL INFORMATION:
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Best Local Similarity
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PRIOR APPLICATION NUMBER: 60/269,799
PRIOR FILING DATE: 2001-02-20
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TITLE OF INVENTION: NO. US20020119521alel Ecdysone Receptor-Based Inducible Gene Expr
FILE REFERENCE: A01020B
                                                 CURRENT APPLICATION NUMBER: US/09/814,604 CURRENT FILING DATE: 2001-03:22
                                                                                                                            TITLE OF INVENTION: Methods of Detecting Dissociated Nuclear TITLE OF INVENTION: Hormone Receptor Ligands
                                                                                                                                                                              APPLICANT: Klein, Elliott S. APPLICANT: Chandraratha Roshantha A.
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NUMBER OF SEQ ID NOS: 75
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CURRENT FILING DATE: 2001-09-26
                                                                                                         FILE REFERENCE: P-AR 4528
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SUFTWARE: FastSEQ for Windows Version 4.0
                        NUMBER OF SEC ID NOS:
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26.2%; Pred. No. 1.4e-30;
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                                                                                                        ; NAME/KEY: misc_teature
; OTHER INFORMATION: Human Retinoic Acid Receptor gamma (bRAR-gamma)
US-09-797-727-2
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                           Query Match
Best Local s
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PRIOR APPLICATION NUMBER: US 08/486, 425
PRIOR FILING DATE: 1995-06-07
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TITLE OF INVENTION: GAMMA RETINATE ACID RECEPTOR
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PRIOR APPLICATION NUMBER: PC1/US90/03564
PRIOR FILING DATE: 1990-06-22
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PRIOR FILING DATE: 1993-07-30
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ORGANISM: Homo sapiens
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diarity 28.5%; Pred. No. 36 29;
Conservative 69; Mismatches 199; Indels 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match (7.1%) Score 01; 108 9; Longth 1237;
Hest Local Similarity 26.3%; Pred. No. 1.5e 28;
Matches 100; Conservative 78; Mismatches 169; Indels 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CHERREN FILING DATE: 2002/0.6/27 FREIOR APPRICATION NUMBER: US 09/26.1/14.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                               14.2 GLI EEQHMILKELMIAQMKTEDLITESHEKNERLEGVLSSGCELFESLQAISKEIJA
                                                                                                                                                                                                                                                246 DOUBLING NEWSCOPERKIXKE LAVEMBERVAKERSKVEKKAR I LAAMOO STONKO 441
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HS 10 005 437A 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches III; Conservative 72; Mismatches 158; Indels 85;
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PRICE APPLICATION NUMBER: US 60/251,582
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SEFTWARE: Patient In Ver.
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FILE REFERENCE: 0/4806, 0530-000000
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GRETANISM: Hemo saptens
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                                                                                                                          449 EKENHEESSO
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                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                 Sequence 2. Application US/09765111A Patent No. US20020106796A1
                                                                                                     APPLICANT: Fletcher, Jonathan A.

APPLICANT: Kroll, Todd G.

IITLE OF INVENTION: PAXB-PBARGAMMA NUCLEIC ACID MOLECULES

TITLE OF INVENTION: AND POLYPEPTIDES AND USES THEREOF
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                        CURRENT APPLICATION NUMBER: US/09/765/111A CURRENT FILING DATE: 2001-01-18
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NUMBER OF SEQ ID NOS: 47
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PRIOR APPLICATION NUMBER: US 60/177,109
                                                                                  FILE REFERENCE: B0801/7196/ERP/MAT
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ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -MMGEDKIKEKHITPLQEQSKEV------AIRIFQGCQFRSVEAVQEITEYAKSIP 332
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; SOFTWARE: FASTSEQ for Windows ; SEQ ID NO 2
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                       Ouery Match 16.3%: Score 372: DB-10: Best Local Similarity 25.5%; Pred. No. 5.5e 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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  Matches 111;
                                                                                                                                                                                                  SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/765,111A CURRENT FILING DATE: 2001-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: PAXE-PPARGAMMA NUCLEIC ACID MOLECULES TILLE OF INVENTION: AND POLYPEPTIDES AND USES THEREOF FILE REFERENCE: R0801/7196/PEP/MAT
                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/177,109 PRIOR FILING DATE: 2000-01-20
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GENERAL INFORMATION: ROBALD

APPLICANT: EVANS, ROBALD

APPLICANT: EVANS, ROBALD

TITLE OF INVENTION: RECEPTOR GAMMA,

TITLE OF INVENTION: RECEPTOR GAMMA,

TITLE OF INVENTION: AND METHODS FOR THE USE THEREOF

PILE REFERENCE: SALKI480 2

CURRENT APPLICATION NUMBER: US/10/142.373

CURRENT APPLICATION NUMBER: US/09/788,070

PRIOR FILING DATE: 2001-02-16

PRIOR FILING DATE: 1999-02-22

NUMBER: OF SED ID NOS: 7

SOFTWARE: Patentin version 3.0
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SUMMARIES

Result	Score	Query Match	Query Match Length	Ę	19	Description
- !	979.5	42.8	386	4	US:08:875-082-2	- :
2	789	34.5	427	4	-08-764-870-	
J.	768	33.6	148	-	- 08 - 459 -	
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16	491.5	21.5	447	۳.	08-08-373-935-1	
17	490	21.4	446	₩	US-08-372-652-3	
18	490	21.4	446	υħ	PCT-US95-16311-3	
19	487	21.3	446	4	US-08-776-844-2	
20	483	21.1	443	_	US-08-342-411A-4	
21	469.5	20.5	472	-	US-08-496-631-2	
22	454	19.8	469	ند	08-08-372-183-2	
23	454	19.8	469	4	08-09-469-721-2	
24	454	19.8	469	4	US-09-696-443-2	
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26	451.5	19.7	484	ĸ	US-08-372-652-1	
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Sequence 1,	4 US-08-764-876-1		410	18.1	414	4
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Sequence 15, Appl	4 US-08-653-648A-15		878	18.3	418	
Patent	6 5438126 2	_	#10	В. 4	418	Ċ
Sequen	4 118-08-980-115-2	-	410	18	418	3,5
nonkos	4 US:08:764 870-2	_	410	<u>.</u>	418	ž
Bednen	4 US+08-653-648A-12	4	557	18.5	423	¥ 7
nombos	3 US-09 144-759 20	ند	764	18.5	424	Ť
Sequence 18, Appl	3 US 05 144 755 18	ند	746	18.5	4.24	5
Patent No. 522360	6 5223606-2	٠ ح	448	1 H . 7	428	â
Patent	6 5223606-4	·	355	18.5	432	٠.
nonbos	5 PC1-US95-16411-2	'n	451	19.4	444.5	Ľ.
Sequence 2, Appli	2 US-08-372-652-2	Ν	451	19.4	444.5	-
nontos	4 US:08-980 115:3		461	14.4	445	É
nontros	4 US-08-764 870-3	ند	461	19.4	44.5	2
Sequence 14. App	4 IIS-08-654-648A-14	4	6/4	19.5	44/	3

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; MOLECULE TYPE: protein 
US-08-875-082-2
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: Patent No. 6391847
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                        Query Match
Best Local Similarity
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                                                                                                                                                                                                               PELEFAX: 619 677:1465
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
GEMPUTER: IMM PC composible
OPERATING SYSTEM: PC-DOSZMS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,082
FILING DATE:
                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 33,192
REFERENCE/DOCKET NUMBER: P41 9887
IELEOOMMUNICATION INFORMATION:
FELEPHONE: 619-677-1409
PROCESSA: CV 177-1409
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TITLE OF INVENTION: A NOVEL KXR-DEPENDENT SIGNALING PATHWAY
TITLE OF INVENTION: AND LIGANDS USEFUL THEREFOR
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 17 JAN 1995
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Evans, Ronald M. APPLICANT: Blumberg, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/374,445
                                                                                                                                                  : ASACTOROL.
                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                               NAME: Reliter, Stephen E. REGISTRATION NUMBER: 33,
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                                                                                                                                                                                            386 amino acids
42.8%; Score 979.5; DB 4: Length 386; ilarity 48.6%; Pred. No. 1.1e-88; Conservative 60; Mismatches 105; Indels 49
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APPLICANT: Boxtor, John D
APPLICANT: Harbert J, Robert J
APPLICANT: Washner, Richard L
APPLICANT: Kushner, Poter J
APPLICANT: APPLICATE J
                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Nokamura, Jackie N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA: US 60/008,540 FILING FATE: I CLEE 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER NEADABLE FORM:
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NOTIVEMENTAL NOTIVE OF STATES OF STA
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                                                                                                                                                                                                                                                                                                                  THE APPLICATION DATA:
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                                                                                                                                                                                                                              FILLING DATE:
                                                                                            RECUSTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/0008,543 FILLING DATE: 13 DEC 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
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                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/308, 609
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41 S40
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: Patent No. 5686574
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Hest Local Similarity 42.2%; Pred. No. 9.2e 70;
Matches 174; Conservative 67; Mismatches 143; Indels 28; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 4.5" DISKECTO, 1.44 Mb.
COMPUTER: INM PS/Z Model 502 of 558X
OPERATING SYSTEM: THM P.C. 108 (Version 5.0)
SOPTWARE: Wordfortfort (Version 5.0)
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LENGTH: 427 amino acids
FILING DATE: February 26, 1992
ALTHROPAGENT INFORMATION:
                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPILICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TABLE brotein
                                                                                                                                         APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LITLE OF INVENTION: CAR RECEPTORS AND REHOUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   372 PPPGSHILIYAKMIQKIADIRSINEEHSKQYKCISEQPEGSMKLIPIALEVEG 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       265 KDLPTEDQISLLKGAAFELCQLKENTVENABICTWECCKLSY CLEDIAGGEQQLLLLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             252 RDLTSEDQIVILKSSAIEVIMERSNESFEMDDMSWTCGNQDYKYRVSDVIKAGHSLELIE 411
                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    382 PQPAHRELELKIMAMLTELESINAQHTQ--KLLEIQ-DIHPFATPLMQELEG 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              422 PMLKEHYMLKKLQLHEEEYVLMQAISLESPORPGVLQHRVVDQLQEGFAITLKSYJEGNK 481
                                                                                                                        FILING DATE
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                                                 07/844, 450
                                                                                                                                              US/08/459,489
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: Sequence 10, Application US/08458686
; Patent No. 5710017
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Best Local Similarity 42.2%: Pred. No. 8.2e-68:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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INFORMATION FOR SEQ 10 NO:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
                                                                                      OPERATING SYSTEM: IBM P.C. DOS (Version SOFTWARE: WordPertect (Version 5.0) CURRENT APPLICATION DAIA:
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: David D. Moore et al.
TITLE OF INVENTION: CAR RECEPTORS AND REL
TITLE OF INVENTION: MOLECULES AND METHODS
                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: 4.5" Diskette, 1.44 Mb
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    281 FELCQLKENTVENAETGIWECGKLSYCLEDIAG-GEQQLLLEPMLKEHYMLKKLQLHEEE 335
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STRANDEDNESS: N/P
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                                                                                                                                                            COMPUTER: IBM PS/2 Model 50Z or 55SX
                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                      CITY: Boston
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                                             FILING DATE
                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                                                                                                           STREEL:
                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                                                                                                                                                            US 07-841-350C:10
                                                                                                                                                                                                                                          Sequence 10, Application US/078433500 Patent No. 5756448
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-8070
TELEPAX: (617) 542-8906
                                                                                                                                              APPLICANT: David D. Moore et al.
TITLE OF INVENTION: CAR RECEPTORS AND RELATIONS OF INVENTIONS MOLECULES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: February 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                     400 LRSINAGHTORLLRIGDIHPEATPLMQEL 428
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                                                                                                                                                                                                                                                                                                                                                                                           319 LRSINEAYGYGIQHIQGLSAM-MPLLQEI 346
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STREET: 225 Franklin
CITY: Boston
STAFE: Massachusetts
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STRANDEDNESS: N/F
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                     ADDRESSEE:
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                                                                          Fish & Richardson
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                                                                                                                                                                         CAR RECEPTORS AND RELATED
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COMPUTER READABLE FORM:
MEDIUM TYPE: 4.5" Diskette, 1.44 Mb
COMPUTER: 1BM PS/Z Model 50Z of 55X
OPERATING SYSTEM: 1BM P.C. 168 (Version
SCHWARE: WordPerfect (Version 5.0)

ZIP: 02110-2804 COUNTRY:

I.S.A

225 Franklin Street

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/U/843, 6500

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                                    418 HEF ALTHMOBILES 430
                                                                                                                                                                   134 GLQPLCYUGLIEEORMMIRELMDAQMKIFDTTESHEKNERLUGVI. SSGTELPESLQAP [9]
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SHEWARE: Patentin Release #1.0, Version #1.25
                                                                               ZYG KLVEALGIGELSNILGTYLE'RHPPROSHOLYAKMIGKLAGLESLNEEHSKGYESLSEGPE 349
                                                                                                                                                                                                                                                           170 LADLVSYSTGKVIGFAKMIPGERDLTSDDQTVLLKSSATEVIMLKSNQSFTMDDMSWDCG
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                                                                                                                                                                                                                                                                                                                                                                                        192 SREEAAKWSQVRKDLCSLKV
                                                                                                                                                                                                                46. FEBRUARI AGGEOGITIETMIKEHYMIKKIOTHEEEVVIMOATSLESPUREGVIOH 459
                                                                                                                                                                                                                                                                                                      243 MADMSTYMFKGIISFAKVISYEKDLPIEDQISILKGAAFELGQURFNTVENAETGIWEGG 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ACTIMET 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AUTHORS: Burmester, James K.
AUTHORS: Maeda, No. 5260199uyo
AUTHORS: Delinea, Bector F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DATE: February-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                   60 LKISLREK ISTEOOHIIAILIDAHHKIYDETYADERDEREEVRMIGSTGSYSER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             74 KOG PERKOANETERKTRRONOANTRIKKOLESOMKKENIMSDEAVEERRALIKEKKSERT 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HILLE: Isolation and expression of rat
HILLE: 1,25-dihydroxyvitamin by receptor CNA
JOHENAL: Proc. Natl. Acad. Sci. U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AFFILICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HELL WILLIAM
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NSMKLTELVLEVEG 363
                                                                                                                          KVVDQLQEQEATILKSYTECNRPQPAHRFLELKIMAMLTELRSINAQHTQ RLLRIQDI 417
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 461 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT: Holloway, M. Katharine
APPLICANT: Rodan, Gideon
APPLICANT: Schmidt, Azriel
APPLICANT: Vogel, Robert
TITLE OF INVENTION: USE OF RECEPTOR POTENTIATORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANIL'SENSE: NO
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REGISTRATION NUMBER: 35,502
REFERENCE/DOCKET NUMBER: 19316
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5
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                                           302 --GRESYCLED-TAGGFQQLLLEPMEKFHYMEKKLQLHEEEFYVEMQAISEFSPDREGVEQ 458
                                                                                                                               244 ADMSTYMEKGIISEAKVISYEKDLPIEDOISLLKGAAFELCGLRENTVENAETGIWEG 361
                                                                                                                                                                                                                      184 LPESLOAPSREEAAKWSOVRKDLOSLKVSLOLRGEDGSVWNYKPPADSGGKETESILIPHM 244
                                                                                                                                                                                                                                                                 143 OCKLEKCKEAGMREQCVI.SEEQIRKKK--IRKQQQQESQSQSQSPVGPQGSSSSASGPGA 200
329 FLKDFTYSKUDFHRAGLQVEFINPIPEFSRAMRRLGLIDDAEYALLIA UNIFSAURPNVOE 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/330,518 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
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                                                                                      TELATISVQETVDFAKQVPGFLQLGREDQTALLKASTTEIMLLETARRYNHET --- ECTT | 428
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	184 IPESIGAPSREEAAKWSOVRKIJGSLKVSIGIRGERGSVWNYKFPADSGGKETFSLLFHM 243	9
	201 SPSGSEAGSQUSGEGEGVQTTAAQELMIQQLVAAQLQSNKRSES	gu
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	143 QCKERKCKEAGMREGCVESEEQTRKKKTRKQQQQESQSQSGSGVGFQGSSSSSASGFGA 200	Ę
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	83 GHELICKVAGDKASGEHYNVLSCEGICKGEERKSVVKGGARKYACKGGGGTCQMDAEMKKKCQ 142	Đ
	37 GPQTCRVGGDKATGYHENVMTCEGCKGFFKRAMKRNARLRCPFR KGACECTRKTRRUFU 95	ÚУ
14:	Query Match 21.8%; Score 498; DB-1; Lenath 461; Rest Local Similarity 29.0%; Pred. No. 6.4e-41; Matches 126; Conservative 86; Mismatches 125; Indels 98; Gaps	Z P C
	08-430-284-2	SC.
	ANTI-SENSE: NO	٠. ٠.
	MOLECULE TYPE: populde	٠. ٠
	STRANDENESS: Single	
	TYPE: amino acid	
	SEQUENCE CHARACTERISTICS:	٠.
	IFLEFAX: (408) 544-4720 INFORMATION FOR SEQ ID NO: 2:	•• ••
	TELEPHONE: (508) 594-4283	
	REGISTRATION NUMBER: 19427	
	NAME: Dolan, Catherine A.	•••
	ATTORNEY/AGENT INFORMATION:	-,
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	APPLICATION NUMBER: US/08/330, 283	
	SOFTWARE: PatentIn Release #1.0, Version #1.25	
	OPERATING SYSTEM: PC:DOS/MS:DOS	
	MEDIUM TYPE: Floppy disk	
	COMPUTER READABLE FORM:	
	TRY	
	STATE: New Jersey	•••
	T: 126 East Lincoln	•••
	ADDRESSEE: Merck & Co., Inc.	
	CORRESPONDENCE ALBERGS: 5	
	NUTTINAN	٠. ٠
	APPLICANT: Schmidt, Azriel	
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	APPLICANT: Holloway: M. Katharine	
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	Sequence 2. Application US/08340283	
	LT 8 8 · 330 · 283 · 2	RESULT
	447 KKIJPLIJSTWIV 459	ij
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	389 PGRVEALQQPYVEALLSYTRIKRFQDQLRFPRMLMKLVSLRILSSVHSEQVFALRLQD-446	Εþ
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            Matches 126; Conservative
                                                                                                                        Query Match
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APPIJICANE Holloway, M. Kaft
APPIJICANE Ruffedge, Sa Jana
APPIJICANE Schmidt, Azriel
APPIJICANE Schmidt, Azriel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LETTECOMMUNICATION INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHOD FOR FINDING RECEPTOR POTENTIALORS
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COMPUTER: TRM PC compatible
OFERATING SYSTEM: PC Deg/MS Dos
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REPERENCE/DOCKET NUMBER: 19327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             T.F.N.C.T.H.:
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Holloway, M. Katharine
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GENERAL INFORMATION:
APPLICANT: Foldman, Eitan
APPLICANT: Holloway, M. Katharine
                                           TELEFAX: (908) 594-4720 INFORMATION FOR SEQ ID NO: .
                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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APPLICANI: Voqet, Robert
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COMPUTER: HAM PC compatible
STREET HAM PC COMPATIBLE
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APPLICANT: Friedman, Eitan
APPLICANT: Holloway, M. Katharine
APPLICANT: Rodan, Gideon
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                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
                                                                                                   SOFTWARE: Patentin kelease #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Schmidt, Azriel
APPLICANT: Vogel, Robert
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                                                                                                                           OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1 0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELATISVQETVDFAKQVPGFLQLGREDQTALLKASTIEIMLLETARRYNHET---ECTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HRVVDQLQEQFAITLKSYIECNRPQPAHRELFLKIMAMLTELKSINAQHTQRL--LRIQD 416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LPESLQAPSREEAAKWSQVRKDLGSLKVSLQLRGEFGSVWNYKPPADSGGKETFSLLPHM 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ACRLEKCLESOMKKEMIMSDEAVEERRALIKKKKSERTCTO---PLGVQG------ 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IHPEATPLMOELEGI 431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PGKVEALQQPYVEALLSYTRIKRPQDQLR--FPRMLMKLVSLRTLSSVHSEQVFALRLQD-446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          --GRESYCLED-TAGGFQQLLLEPMLKFHYMLKKLQLHEEEYVLMQAISLESPDRPGVLQ 358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -----DQPKVTPWP-
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                                                                                                                                                                                                                                       07065-0907
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Quadliato,
                                                                                                                                                                                                                                                                          New Jersey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21.8%; Score 498; DB 5; Length 461; 29.0%; Pred. No. 6.4e-41;
                                                                                   PCT/US95/14931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 86; Mismatches 125; Indels
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                                                                                                                                                                                                                                                                                                                                                                              RESULT 12
                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEC ID NO:
                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                  APPLICANT: LIAO, Shortsung
APPLICANT: SOND, Ching
TITLE OF INVENTION: URIQUITOUS NUCLEAR RECEPTIFIE OF INVENTION: COMPOSITIONS AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KEGISTRALLON NUMBER: 35,430
REFERENCE/DOOKET NUMBER: 19316 POT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO
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                                                    COUNTRY: USA
ZIP: 77210-4433
                                                                                                                                                                                                                                                                                                                                                                                                                                       447 -- KKLEPULSETWDV 459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           417 IHPFATPLMQELEGI 431
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              244 ADMSTYMEKGIISEAKVISYERDLPIEDQISLLKGAAFELFQLRENTVENAEIGTWEC-- 301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       184 LPESLQAPSKEEAAKWSQYKKDLCSLKVSLOLKGEDGSVWNYKPPADSGCKETESLLPHM
    COMPUTER:
                                                                                                     STATE:
                                                                                                                                     STREET:
                                                                                                                                                              ADDRESSEE:
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hes 126; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96 ACRIERCLESOMKKEMIMSDEAVEERRALIKEKKSERTGTQ - PIGVQG - - - - - - - - - -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            37 GPQICRVCGDKATGYHENVMTGEGGKGFERRAMKRNARLKOPFR KGACEITRKTRRQCQ 95
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HRVVDGLOEGFATTLKSYTEGNRPGPAHRFLFLKTMAMLTELRSTNAGHTGKL- LKTGD-416
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                                                                                                                     Houston
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t: Floppy disk
IRM PC compatible
                                                                                                                                                              Armold, White & Durkee
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                                                                                                                                                                                                                                          UBIQUITOUS NUCLEAR RECEPTOR:
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    Requence 8. Application 08/08333358
    Batent No. 59/1696

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                                                                                                                                                                                                                                                                                                                                                                                                                   SENERAL INFORMATION:
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                                                               APPLICANT OWN MS., ESTELLIA S.
APPLICANT OWN PL., ANTHONY E.
APPLICANT FORMEYER PL.D., VINCENT NR
APPLICANT COLUMBRE PL.D., VINCENT NR
APPLICANT YAO MT., TSO PANCINN
TILLE OF INVENTION: NOVEL RECEPTORS
CORRESPONDENCE ADDRESS CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                          VIBILICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTER ISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION BATA:
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REFERENCE/160°KET NUMBER: AR
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robology: linear
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Similarity 29.0%; Prod. No. le 40;
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                                                                                                                                                                                  EVANS Ph.D., RONALD M.
MANUFELSBORF Ph.D., BAVIB J.
CORO Ph.D., ANTHONY E.
HOREMEYER Ph.D., ANTHONY E.
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(713) 789 2679
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Best Local Similarity 29.7%; Fred. No. 20
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TNO-RMALLON FOR SEQ 1D NOT B:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
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SIREET: 444 SO, FL
CITY: Los Angeles
SIATE: CA
4 41 LLISETWIDV 4 48
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                                             424 IMCELECT 431
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255 VSVQETVDFAKOTJSFEQTSKEDQTSLIKGAAFED OTKENTVEN AETGIWEDGKISY 405
255 VSVQETVDFAKOTJSFEQTSKEDQTALIKTSATEVMITETSKRVNOGSESTIF-LKDESY 414
                                                                                                                                                                                    *15 NKEDEAKAGI,@VEF1NPTFEESKAMNEL@I.NDAFFALLTATSTESAURENV@D@L@VERL 374
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                                                                                                                                                                                                                                  40.7 OLEDTA GGEOGITTERMIKEHYMIKKIGITTEEEAAITWOVISITERDKEGAIÖHKAAPOT 49,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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444 So. Flower St., Saite 2000
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Best Local Similarity
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TELEFAX: (619) 535-8949
INFURMATION FOR SEQ ID NO: 8:
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COMPUTER READABLE FORM:
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ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 So. Flower St., Suite 2000
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APPLICANT: MANGELSDORE Ph.D., DAVID J.
APPLICANT: ONG MS., ESTELLTA S.
APPLICANT: ORO Ph.D., ANTHONY E.
APPLICANT: HORGMEYER Ph.D., HWE K.
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/761,068
FILING DATE: 17-SEP-1991
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APPLICANT: YAO Mr., TSO-PANG NMN
TITLE OF INVENTION: NOVEL RECEPTORS
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TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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315 NREDFAKAGLØVEFINDIFEFSRAMNELQLNDAEFALLIAISIFSADRPNVQDQLØVERL 374
                                                                                                                                                                                                                                                   189 QAPSREEAAKWSQVRKDL/SLKVSLQLRGEDGSVWNYKPPADSGGKEIFSLLPHMADMS1 248
                                                                                                                                                                                                                                                                                                                                                     132 ----RTGTQPLGVQGLTEEQRMM+RELMDAQMKTEDTTESHEKNFRLPGVLSSGCELPESL 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                 307 CLEDTA-GGEQQILLEPMIKFHYMIKKIĞIHEBEYVIMQAISIFSPDRPGVIQHRVVDQI 365
                                                                                                                                                   249 YMFKGIISFAKVISYFRDLPTEDQISLLKGAAFELCQLRFNTVFN·-AFTGTWECGRLSY 405
                                                                                                                                                                                                  185 I.PPRRSSPPQII.PQI.SPEQI.GMIEKLVAAQQQCNRRSFS----
                                                                                                                                                                                                                                                                                                                                                                                                      128 -HSGGHCPMDTYMRRKCQECKLRKCRQAGMREECVLSEEQIRLKK--LKRQEEEQAHAIS 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/463,694 FILING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     78 PERKGAGELTEKTERQGQAGELEKCLESGMKKEMIMSDEAVEERBALIKEKKSE----- 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68 EPTETRPQKRKKGPAPKMLGNELCSVCGDKASGFHYNVLSCEGCKGFFRRSVIKGAHYIC 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18 EDTESYPGKPSYNADEEYGGPQ1/TRYCGDKATGYHENYMTCEGCKGFFRRAMKRNAFLRC 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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                                                                                                    VSVQETVDFAKQLEGELQLSREDQTALLKTSATEVMLLETSRRYNPGSESTTF-LKDFSY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        85; Mismatches 145; Indels 71;
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                                                                                                                                                                                                                                                             Matches 127: Conserv
                                                                                                                                                                                                                                                                                                         Query Match
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INFORMATION FOR SEQ ID NO: 8:
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MEDIUM TYPE: Floppy disk
COMPUTER: HMM PC COMPATION:
OPERATING SYSTEM: PC-1908/MS-DOS
SOFTWAKE: Patentin Release #1.0, Version #1.25
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APPLICATION NUMBER: US
FILING DATE: 07-AUG-19
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                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: EVANS Ph.D., RONALD M.
APPLICANT: MANGELSHORE Ph.D., DAVID J
APPLICANT: ONG MS., ESTELTA S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
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                                                                       128 HSGGHOPMDTYMRKKOQEOKLKKORQAGMKEEOVLSEEQTRLKK--LKKQEEEQAHATS 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 44% .
CITY: Los Angeles
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                                                                                                                                                                  68 EPTELKPOKRKKGPAPKMLGNELCSVCGDKASGFHYNVLSCEGTKGFFRKSV1KGAHY1C 127
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                                                                                                                   78 PERKGASELTRKTRROSCASRERKSLESGMKKEMIMSDEAVEERKALIKKKKSE - -- 1/3
                                                                                                                                                                                                              18 EDTESVEGKESVNADEEVGGEQTCRVCGDKATGYHENVMTCEGCKGFERRAMKRNABLRC 77
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---REGTQPLOVQGUTEEQKMMIRKELMDAQMKIFDETESHFKNFRLEGVI<sub>s</sub>SGCELFESI. 188
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444 So. Flower St., Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      440 amino acids
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Mlarity 29.7%; Pred. No. 2.6e 40;
Conservative 85; Mismatches 145;
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Talent No. 574766]
                                                                                                                                   garry Match
                                                                                                            Query Match 21.5%: Secret 491.5; DB 1: Length 447;
Rest Local Similarity 29.7%; Prod. No. 2.7e 40;
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AUPLICANT: Evans, Romald M.
AUPLICANT: Managelsdort, David J.
AUPLICANT: Willy, Patricia J.
                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SECTION NOT 1:
                                                                                                                                                                                                     MOLEGUE TARE: protein
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                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                           NAME: ROLLER, SLOPHOD E.
REGISTRATION NUMBER: 41,792
REFERENCE/DOCKET NUMBER: F41 9894
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CTTY: Los Amardes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLIFACION NUMBER:
75 EFTETPPOKRKKOPAPKMIGNELCSVOGDKAGGFHYNVLSCEGCKGFFRRSVTKGAHYTC 134
                                          TB_EBLESOPSKESVNADEEVSSEQTORVOSDKATGYBENVMTOEGOKGFERKAMKRNARIJRO 77
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444 South Flower Street, Suite 2000
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US 08 372 652-3
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                                                                                                                                                                           INFORMALION FOR SECTIONS:
                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM BC compatible
OPERATING SYSTEM: PC DOS/MS DOS
SOFIMANE: Patentin Release #1.0, Version #1.40
OURGENI APPLICATION DATA:
                                                            MODEL STORES
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APPILICANI: Choi, Hueng Sik
                                                                                                                                                                                                                                     TELEPHONE: 617/542 5070
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                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                    ALLORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                         NAME: Clark, Paul T. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Boston
                                                                                              TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                 IELEPHONE: 617/542-50
IELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                Publicary:
                                                                                                                                    LENGIH: 446 amino acids
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                                                                                                                                                                                                                                                                           REFERENC'H/Doc'KET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE MOTORS
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    21.4%; Score 490;
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PCT-US95-16311 3
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-1005/MS-1005
SOFTWARE: Patentlb Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: MOOTE, David
APPLICANT: Seol, Wondi
APPLICANT: Seol, Wondi
APPLICANT: Choi, Hueng-Sik
TITLE OF INVENTION: RETINOID X RECEPTOR-INTERACTING
TITLE OF INVENTION: POLYPEPTIDES AND RELATED MOLECULES AND METHODS
NUMBER OF SEQUENCES: [7]
CORRESPONDENCE ADDRESS:
                                                                                  NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/245001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                             APPLICATION NUMBER: 08/37
FILING DATE: 13-JAN 1995
AFTORNEY_NO == 65551
                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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STREET: 22
CITY: Bost
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COUNTRY:
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                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US95/16311
                                         TELEFAX:
                                                             TELEPHONE:
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125; Conservative F
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                                      617/542-8906
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84: Mismatches 128;
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// Patent No. 6277976
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US-08-776-844-2
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Best Local Similarity 29.1%; Pred. No. 3.8e-40;
Matches 125; Conservative 84; Mismatches 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: THM Computible
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                      SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ENWARK, EVA
APPLICANT: GUSTAFSKIN, JAN
TITLE OF INVENTION: OK-1 ON ORPHAN RECEPTOR HELONGING
TITLE OF INVENTION: TO THE NUCLEAR RECEPTOR FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 250 MFKGTISFAKVISYFKDLPIEDQISLLKGAAFELGQLKENIVFNAEIGIWEC - -GRLS
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                                                               FILING DATE:
                                                                                 APPLICATION NUMBER:
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FILING DATE: 18 NOV-1994
CLASSIFICATION: 4.85
SIREET: 87 CambridgePark Drive
                                                                                                 AU-D-FESSEE:
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(713) 789 2679
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                                                                                                 Genetics Institute.
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Sequence 2, Application US/08472184
Fatent NO. 5005086
GENERAL INFORMATION:
APPLICANT:
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Best Local s
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617) 876-5851 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein
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LENGTH: 472 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 498-8224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
    APPLICANT:
                                                                                                                                                                                                              443 FNHHHAEMLMSWRVND-HKF-TPLLCELWDV 471
                                                                                                                                                                                                                                                      403 INACHTORIL - RIQDIHPEATPIMQELEGI 431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        153 RSIIKNAVYKOK-NGGNOVMDMYMRRKOQECKLRKOKEMGMLAECLLTEIQOKSKRLRKN 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        264
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COMPUTER: HBM PC compatible
OPERATUNG SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         224 NYKPPADSGGKETESLLPHMADMSTYMFKGITSFAKVISYFRDLPIEDQISLLKGAAFEL 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y Match 20.5%; Score 469.5; DB 1; Length 472; Local Similarity 28.6%; Pred. No. 4.4e-38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Brown, Scott A. REGISTRATION NUMBER: 32,724
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                     QAISLESPORPGVIQHRVVDQIQEQEAITLKSYIECNRPQ-PAHRELELKIMAMLTELRS 402
                                                                                                                                                                                                                                                                                                                                                                                 MFLRSAETFNKKLPSGHSDLLEEKTRNS--GISDEYTFPMFSFYKSTGELKMTQEEYALL 385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TTESHEKNERLPGVLSSGGELPESLQAPSREEAAKWSQVRKULGSLKVSLQLRGEDGSVW 22×
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Evans, Ronald M.
Forman, Barry M.
Weinberger, Cary A.
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MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patchild Release #1.0, Version #1.
CURRENT APPLICATION DATA:
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TELEPHONE: 619 546:4737
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4 J.5
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                                                                                                                                                                                                                                                   274 -----EFSAEENFLIL---TEMALSHVOILVEFTKRLIKIFQILDHEDQIALLKGSA
                                                                                                                                                                                                                                                                                             221 SVWNYKPPADSGGKEIFSLLFHMADMSTYMFKGTISFAKVISYFROLFTEDQISLLKGAA zac
                                                                                                                                                                                                                                                                                                                                         26.0
                                                                                                                                                                                                                                                                                                                                                                               151 TEDITESHEKNERLEGVLSSGCELEESLQAPSREEAAKWSQVKKDL/SLKVSLQLKGELG
                                                                                                                                                                                                                                                                                                                                                                                                                         201 KSKR-LEKNVKOHADOIVNEDSEURDLEOVISIIKLCKEKI ELIVEQQIILDƏYIMDSYSK 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             142 EGCKGFFRRSTIKNAVYKCK-NGONCYMDMYMRRKGQDCRLRKCREMGMLAECLLIETQC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               y Match 19.8%; Score 454; [B.3; ]
Local Similarity 28.9%; Pred. No. 1.5e-36;
hes 132; Conservative 79; Mismatches 141;
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                                                                                                                                                                                                           281 FELCQLRENIVENAE - FIGTWECGRLSYCLEDTAGGFOOLLLEFMLKFHYMLKKLOFHEE 338
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REFERENCE/DOCKET NUMBER: P41 9844
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APPLICANT: Weinberder, Cary A.
FITLE OF INVENTION: METHOD FOR MODILATING PROCESSES FITTLE OF INVENTION: BY PARMESOID ACTIVATED RECEPTORS
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SOFTWARE: Patentin Release #1.0, Version #1.
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Patent No. 6416957
                                                                                                                                                                                                                                                                                                                                                                                                                            Substy Match 19.8%; Score 454; DB 4; Lougth 469; Best toral Similarity 28.9%; Prod. No. 1.5e 46; Matches 142; Conservative 79; Mismatches 141; Indels 1
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                                                    [6] IFDIIESHEKNERLEGVISSGCELFESIQAFSREEAAKWSQVRKDLCSLKVSLQLRGEEG 220
                                                                                                            ZOT KSKR LRKNYKQHADQTYNEDSEGROLRQVISITKLCREKTELTYFQQTLLLDYTMISYSK 259
                                                                                                                                                             115 EEERALIKKKKSEKTGTOPLGVod-
                                                                                                                                                                                                                     142 EGUKGFERRSTIKNAVYKUK (NGGNOVMIJMYMKRKOQIXUKLRKUREMGMLAEULLI E1QO 200
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                                                                                                                                                                                                                                                                         59 BOOKOPERRAMKRNAKLROPERKGAOETTRKTRRQOQAORIRKCILESGMKKEMIMSDEAV 118
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MEDIUM TYPE: Floppy disk
COMPUTER: HBM PC compatil
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THELE OF INVENTION: METHOD FOR MODILATING PROCESSES MEDILATED BY FARNESOLD ACTIVATED RECEIVERS
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FILING DATE: 24-Oct -2000
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SPREET: 444 South Flower Street, Suite 2000
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EMPORIT
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
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MEDIUM TYPE: Floppy
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ATTORNEY/AGENT INFORMATION:
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APPLICANT: Welmberger; Cary A.
TITLE OF INVENTION: METHOD FOR MODULATING PROCESSES MEDIATED
TITLE OF INVENTION: HY FARNESOID ACTIVATED RECEPTORS
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                                           142 EGCKGFFRRSITKNAVYKCK-NGGNCVMDMYMRRKCQDCRLRKCREMGMLAECLLTEIQC 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DAS/MS-DOS
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201 KSKR - ERKNYKQHADQ FYNEDSEGROLROYTSTTKLCREKTELFYDQQTLLLDY IMDSYSK - 255
                                                                                                                                                                                                                                                                               Local Similarity
hes 132; Conserv
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                                                                                                                                                                                    88 PTES-----VYQGETEVSEMPVTKKPRMAASSAGRIKGDELCVVCGDRASGYHYNALTC 141
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444 South Flower Street, Suite 2000
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28.9%; Pred. No. 1.5e-36;
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SEQUENCE CHARACTERISTICS:
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Patent No. 5952699
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(C.MPUTER: IBM FC.compatible
OPERATING SYSTEM: PC-108/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURKENT APPLICATION DAIA:
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STRANDEDNESS: not relevant ropology: linear
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Guery Match (19.5%) Score 447; DB 4; Lenath 674; Best Local Similarity 29.5%; Prod. No. 1.2e (5); Matches 134; Conservative 79; Mismatches 169; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wagner, Richard L
APPLICANT: Kushner, Peter J
APPLICANT: Apriletti, James W
APPLICANT: West, Brian
TITLE OF INVENTION: Nuclear Receptor Liquids and Liquid
ITTLE OF INVENTION: Nicitar Receptor Liquids and Liquid
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC LASSMS-DOS
                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/754,870
FILING DATE: 14-DEC-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                          SOFTWAKE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                     ATTORNEY/AGENT INFORMATION: NAME: Nakamura, Jackie N
                                                                                                                                                                               FILING DATE: 13-DEC-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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                                                                                                           FILING DATE: 14-DEC-1995
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: C
                                                                     FILING DATE:
                                                                                      APPLICATION NUMBER:
                                                                                                                                                           APPLICATION NUMBER: US 60/008,543
                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/008,540
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REGISTRATION NUMBER:
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Baxter, John D
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                                                                                                                                                 FARLIER APPLICATION NUMBER: 08/764,870 EARLIER FILING DATE: 1998-12-13 EARLIER APPLICATION NUMBER: 60/008/606 EARLIER FILING DATE: 1995-12-14
                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/08/98(c,115)
CURRENT FILING DAFE: 1997-11-26
                                                                                                                                                                                                                                                                                                APPLICANT: West, Brian L.
APPLICANT: Shiau, Andrew K.
TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND MINISTER FUNDANS
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wagner, Richard L. APPLICANT: Kushner, Peter J. APPLICANT: Apriletti, James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Scanlan, Ibomas S. APPLICANT: Baxter, John D. APPLICANT: Fletterick, Robert J.
EARLIER FILING DAIE: 1995-12-13
NUMBER OF SEQ ID NOS: 17
SOFUMARE: Patentin Ver. 2.0
                                                                                                       EARLIER APPLICATION NUMBER: 60/008,543 EARLIER FILING DATE: 1995-12-13
                                                                            EARLIER APPLICATION NUMBER: 60/008,540
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RULLE OF INVENTION: FOLYPEPTIDES AND RELATED MOLECULES AND METHORS FULLED APPLICANT: SHOLL WORLD SIK
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GENERAL INFORMATION:
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                                      SUFTWARE: Patchill Release #1.0, Version #1.00 CHRENI APPLICATION DATA:
                                                                                                                                                                                                                                                                       COMPREHEN REALIZATION OF THE PROPERTY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORKEST-MIENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RETINOID X RECEPTOR INTERACTING AND METHOUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Moore, David
APPLICANT: Scott Wongi
APPLICANT: Choi, Hueng-Sik
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LENCTH: 451 amino acids
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                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: THM PC compatible
DEFATING SYSTEM: FC DOSYMS DOS
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APPLICATION NUMBER:
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DELEX: 200154
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225 Franklin Street, Suite (100
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5223606-4
:Patent No. 5223606
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                                                                                                                                                                                    : TITLE OF INVENTION: STERCID/THYROID HORMONE RECEPTOR-RELAIED
                                                                                                                                                                                                                                : APPLICANT: BLAN
: PIERRE: DEJEAN, ANNE
5223606-4
                                         :SEQ ID NO:4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 19.4%; Score 444.5; DB 5; Length 451; Best Local Similarity 28.3%; Pred. No. 1.2e-35; ... Matches 125; Conservative 74; Mismatches 138; Indels 105
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                                                                PRIOR APPLICATION DATA:
                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: protein
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REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/246001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/3:
FILING DATE: 13-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
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                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                     431 MSWKVND-HKF-TPLLCE1WDV 450
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             353 REGVLQHRVVDQLQEQEAITLKSYTECNRPQ-PAHRFLFLKTMAMLTELRSTNAQHTQRL 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      233 GKETESTILPHMADMSTYMEKGTISFAKVISYERDTPTEDOTSLIKGAAFELOGIRENTVF 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            243 KMPQEIT--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       200 EDDSEGROLROVTSTTKFCREKTE-----LTADQQTLLDYIMDSYNKO-------
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TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
                   LENGTH: 455
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TELEFAX: 617/542-8906
                                                                                        APPLICATION NUMBER: US/07/134,130 FILING DATE: 17-DEC-1987
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RESULT 34
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; TITLE OF INVENTION: SIEROID/THYROID HORMONE RECEPTOR RELAIRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5223606-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;Patent No. 5223606
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 18.7%; Score 428; Db 6; Leugth 448;
Hest Local Similarity 30.6%; Pred. No. 5.2e+4;
Matches 132; Conservative 60; Mismatches 159; Indeis M0;
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Hest Local Similarity 29.3%; Pred. No. 1.5e-34;
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APPLICATION NUMBER: DS/07/134,130
FILING DATE: 17-DEC-1987
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220
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                                               241 PHMADMSTYMFKGIISFAKVISYFROLPIEDQISILKGAAFELCULRENIVENAE TGT
                                                                                                                                                          181 GCELPESIQAFSKEEAAKWSQVRKDLCSLKVSLQLRGEDJSVWNYKPPALISGJKE1FSLL 240
                                                                                                                                                                                                                                                                  123 ALIKEKKSERTÖTUPLÖVQÖLTEBQRMM--IRELMDAUMKTEDITESHEKNERLEGVLSS 180
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                                                                                                                                                                                                                                                                                                                                                                               63 GEFRRAMKRNARLROPFRKGAGELTRKTRRQCQAGRURKCLESGMKKEMIMSDEAVEERR 122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 448
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                                                                                                          LOQUGKYTINSSADH-----RVRUDL-----
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Butent No. 6117639
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479 YAKILISTILTELRTIGNONAEMOUSLKIJKNIKLIPKFIJEETWOVBAT PRISVOSHIJGTI 544
                                                                                 174 LIMVLSBONELPESI JOAPSKEEAAKWSQVRKI LINSLKVSI QILKHEIGISVW · · · NYKIPAU / ¿ ‹ · ·
                                             490 FUKTMAMIJELRSTNAUHTOR
                                                                                                                                3.2. KLOLHEEEYVIMOATSLESPORPGVIOHKVVDOLOBOFALILKSYTECNR PQPAHREL 389
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                                                                                                                                                                                  RUSYKMAGMALN
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                                          LILKIODIBERATELMORLEGIE 4-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 20, Application US/09144759 Putent No. 6117639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            outry Match (8.5%; Score 424; 18.3%; Best Local Similarity 27.3%; Pred. No. 2.8e 44;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEA ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: EUSTON PROTEINS, DNA MOJECULES, VECTORS, AND HOST CELLS FILE & INVENTEON: USEFUL FOR MEASURING PROTEASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APELICANI: Hoock, Thomas
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                                                    390 ELKIMAMLIELRSINAGHTQR- ------ ----LLRIQDIHPFATFLMQELFGIT 432
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YAKLLSILIELRILONQNAEMOTSLKIKNRKLPKELEEIWDVHAI PPSVQSHLQIT 552
                                                                                                        SMKVDNVEYALLTAIVIES DREGLEKAGEVEAIOSYYIDILRIYI LNEBYGDSMSLVE 496
                                                                                                                                                          KENTHEEEAATWOVISTERBINKEOATOHKAANOTOEGEVEULEKSALEEJNE - BOBYHKEIT KRA
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; Sequence 12, Application US/08653648A ; Fatent No. 6379945

GENERAL INFORMATION:

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APPLICANT Greenland Andrew APPLICANT MAITHREA Afterto LILE OF INVENTION: A Gene & FILE REPERENCE: PROSONA7/DS

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SEQ ID NO 12
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PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1996-03-18
PRIOR APPLICATION NUMBER: GB 9
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ORGANISM: Manduca sexta
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                                      CURRESPONDENCE ADDRESS
                                                             NUMBER OF SEQUENCES:
                                                                           TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand TITLE OF INVENTION: Binding Domains
                                                                                                                    APPLICANT: Apriletti, ...
APPLICANT: West, Brian
                                                                                                                                                                                                                                                                                                                                                                                                  477 NQHSASPRCAVLEGKILGVLTELRTLGTQNSNMCISLKLKNEKLPPFLEETWDV 530
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ADDRESSEE: Cooley Godward
STREET: Five Palo Alto Square,
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                                                                                                                                                                                                                Scanlan, Thomas
Baxter, John D
                                                                                                                                     Kushner, Peter J
Apriletti, James W
                                                                                                                                                                           Wagner, Richard L
                                                                                                                                                                                                Fletterick, Robert J
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1995-07-07
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REFERENCE/DACKET NUMBER: UPAL-246/010S
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION NUMBER: U.S. 60/008,540
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MEDIUM TYPE: Floppy
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ATTORNEY/AGENT INFORMATION:
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417 IHPFAIDIMQELF 429
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SOPTWARE: Patentin Release #1.6, Version #1.
                                                                                                                                        278 GEMAVKREQLKNGGLGVVSDATFELGKSLSAFNIJDTEVALLQAVILIMSTDKSGLLCVDK 3 <7
                                                                                                                                                                                                                                                                                         243 MADMSTYMEKGLISEAKVISYERDLEIDQISLLKGAAFELCOLKENTVENAEIGTWE-C 301
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FILING DATE: 13-DEC-1995
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STATE: CA
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APPLICANT Flatterick, Robert J.
APPLICANT Flatterick, Robert J.
APPLICANT Washes, Feder J.
APPLICANT Spriletti, James W.
APPLICANT West, Brian L.
APPLICANT Skidar, Andrew K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT: DEGROOF, LESILE J.:NAKAL, AKIRA
ILLE OF INVENTION: HUMAN THYROID HORMONE RECEPTOR DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CONSTRUCTION OF THE CONTRACT O
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                                                                                                                                                                                                                                                                                                                                                                                LEKSQEAYLLAFEHYVNHKKHNITH FWPKLLMKVIDLRMIGACHASKFLHMKVEGFTE (95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             VEQLQEQEATELKSYTE*NREQEARRELETKIMAMITELKSTNAGHTQKLLKIQ
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Post-processing: Minimum Match 0%
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1: /cqn2_b/ptodata/2/pubpaa/US08_NSW_PUB.pop:*
2: /cqn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
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/run2_6/prodata/2/pubpaa/PCTUS_PUBCOMB.pep:*
/run2_6/prodata/2/pubpaa/US08_PUBCOMB.pep:*
/run2_6/prodata/2/pubpaa/US08_PUBCOMB.pep:*
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                     /cqn2_6/ptodata/2/pubpaa/US10_PUHCOMH.pep:*/cqn2_6/ptodata/2/pubpaa/US60_NEW_PUH.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result

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320 10 US-09-965-703-15	11.5	176	<u>4</u>
506 12 08-10-109 885 6	12.2	185	44
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475 12 08-10-142-474-2	12.3	188	41
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625 10 08-09-965-703-16	12.9	148	27
10	12.9	198	5
550 9 08-09 853-450 18	12.4	198	7,7
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272 10 US 09-874 489-21	12.9	158	-
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ALTGNMENTS

Sequence 2. Application US/0914 828; Publication No. US20040032790A1; GENERAL INFORMATION:

RESULT 1 US-09-143-828-2

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                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 294; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Obery Match 100.0%: Score 1529: 58 9: Best Local Similarity 100.0%: Pred. No. 4.8e Psi:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANI: Pharmacia & Opjohn
TITLE OF INVENTION: No. US200:0032790Aiol Vitamin D Receptor Related Folypoptides.
TITLE OF INVENTION: Acid Sequence Encoding the Same and Uses Thereof
FILE REFERENCE: 10806-65
CURRENT APPLICATION NUMBER: US/09/143,828
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SECTIONOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: {Deduced amino OTHER INFORMATION: deid sequence of vitamin b receptor related damma OTHER INFORMATION: (VDKRd)}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PKT
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     321
                                                   181 EPMLKFHYMLKKLOLHEEEYVLMOAISLESPDRPGVLOHRVVDOLGEOFAITLKSY1FIN 240
                                                                                                       261 ISYERDEPIEDGISELKGAAFELCQERENTVENAETCIMECGKLSYCLEDIAGGFQQIEL
                                                                                                                                                                                                            201 OVEKDLOSIKVSLQIRGEDGSVWNYKPPADSGGKEIFSLIPHMADMSIYMFKGIISFAKV
                                                                                                                                                                                                                                        61 QVKKDLCSLKVSLQLRGEDGSVWNYKPPADSGGKEIFSLLPHMADMSTYMFKGIISFAKV 120
                                                                                                                                                                                                                                                                                                                    141 QGLTEEQRMMIRELMDAQMKTFDTTFSHFKNFRLFGVLSSGCELFESIQAPSREEAAKWS 200
                                                                                                                                                                                                                                                                                                                                               1 QCLTEEQRMM1RELMDAQMKTFOTTESHFKNFRLPGVLSSG7ELFESTQAFSREEAAKWS 60
ISYFROLP I EDGI SILLKGAAPELOOLRENTVENAETGIWEGGELSYGLEDTAGGEGGILL - 180
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24.1 KEGPAHRELELKIMAMIJIHIRSINAGHIGRIJRIJAH GOLBPFATDIMQELEGIIGS 254

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Matches 294: Conservative
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                                                                                                                                      SEC II No S
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                                                                                                                                                                                                      SOFTWARE: EastSEQ for Windows Version 3.0
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                         SECTENCE CHARACTERISTICS
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COMPUTEK: HAM PC compatible
OPERATING SYSTEM: DC:DOS/MS:DOS
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                                                                                                                                                                                      NAME: Roiter, Stephen E. REGISIRATION NUMBER: 84,192
                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/374,445
FILING DATE: 17 JAN 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 21 May 2002
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                                                                                                                                                               REFERENCE/DUCKET NUMBER: P41 9887
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LENGTH: 38% amino acids
                                                                                                         LELEPHONE: 619-677-1409
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: Patent No. US20010055815A1
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                                                                                                                                                                                                                                                                                                                                    Overy Match 31.4%: Score 479.5; DB 10; Length 257; Best Local Similarity 39.0%; Pred. No. 5.4e-42; Matches 112: Conservative 40; Mismatches 88; Indels 47;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/191,493
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 3
SOPTWARE: 5-5-7-7
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CURRENT FILING DATE: 2001-03-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: PU3854
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                               09 814-569-1
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OTHER INFORMATION: modified histidine tag
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334 PPSPQNKLLYFKIMECLIELETVNDIHSKULLEIWDIQPDAIPEMREVPG 383
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                                                                                                                                                                                                                                          15 LSKEQEELIRTILAAHTRHMSTMEEQEVQERFFAHLFTHHQ: PLFTLAF-----
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                                                                                                                                                                                                  RKDLCSLKVSLQCRGEDGSVWNYKPPADSGGKE1FSLLPHMADMSTYMFKG11SFAKVIS 122
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                                                                   VERSILPTEDQTSILKGAAVETCHTVLNTTFCLQTQNFLGGPLRYTTEDGARVGFQVEFLE 1449
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                                                                                                                                                                                                                                                                                                                                  40; Mismatches 88; Indels
                                                                                                                                                         ----VLPLVTHFADINTFMVLQVIKFTKDLP 89
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application 08/09760364
Patent No. 0820823152479A1
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Patent No. US20020152479A1
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PRIOR APPLICATION NUMBER: DS 60/176, 98
PRIOR FILING DATE: 2000-01-14
NUMBER OF SEQ ID NOS: 14
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APPLICANT: Shiau, Andrew Kwan-Nan
APPLICANT: Tolarik Inc.
TITLE OF INVENTION: (Ak Modulators: Scree
TITLE OF INVENTION: Hypercholosterofemia
FILE REFERENCE: 018781-00411008
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TITLE OF INVENTION: Hypercholesterolomia
FILE MEMERENCE: 018781-004110US
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CURRENT FILLING DATE: 2001-01:12
CHERENI APPLICATION NUMBER: US/09/760, 864
CURRENI FILLNE DATE: 2001-01-12
FRIOR APPLICATION NUMBER: US-60/176, 398
PRIOR FILLNE DATE: 2000-01-13
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Shidu, Andrew Kwan-Nan
APPLICANT: Bularik Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Juergen Michael
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    Sequence 2. Application 08/00760364
    Patent No. 0820020152479A1

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APPLICANT: Lehmann, Juorgen Michael
APPLICANT: Shiou, Andrew Kwan Nan
APPLICANT: Tularik Inc.
THILE OF INVENTION: CAK Modulators: Scree
THILE OF INVENTION: Hypercholestorolemia
FILE REPERENCE: 018781 004 (1008)
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APPLICANT: Breaman, Thomas J.
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Patent No. US20020052489Al
GENERAL INFORMATION:
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PRIOR PELLING DATE: 2000-01-14
NUMBER OF SEO ID NOS: 14
SOFTWAKE: Patentin Vor. 2.1
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                                                                                                                       APPLICATION NUMBER: 08/776,844
FILING DATE: <UNKNOWN*
APPLICATION NUMBER: UK 9413536.
FILING DATE: 16-AUG-1994
AFTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                         SOFTWARE: FASTSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CHSTAPSSON, JAN
THELE OF INVENTION: OR I ON ORPHAN RECEPTOR BELONGING
TO THE NUCLEAR RECEPTOR FAMILY
                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
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1 Similarity 40.8%;
75; Conservation
                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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                                                               REFERENCE/DOCKET NUMBER: 00487.04029
                                                                                                     NAME: Kagan, Sarah A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09909325
Patent No. US20026115847Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Querry Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: < Unknown >
INFORMATION FOR SEQ 1D NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          238 ECNRPQFAHRFLFLKIMAMLIELRSINAGBIGKL--LKIQDIHPFATPLMGELFG1 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       433 EFINPTEEFSRAMRREGLIDDAEYALLTAINTESADRENVQEEPSRVEALWOFFYVEALI SYT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  178 TILLEPMEKEHYMEKKEQI HEEFEYVEMQA I SLESPERPGVEQHKVVINGI GEGEATTI EKSYT 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     276 GFLÖLGKENGTALLKASTIEIMLLETARRYNHET---ECITFLKDFTYSKDDFHRAGLGV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                123 YERDLPIEDOISILLKGAAFELOGLRENTVENAETGTWEC----GRLSYCLED-TAGGEGO 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             205 LTAAQELMIQQLYAAQLQCNKRSFS------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          393 KIKKPQOQLE--FERMIMKLVSIKTLSSVHSEQVFALKIGO--KKILFELLSEIWOV 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               63 RKDLOSLKVSLQLRGEDGSVWNYKPPADSGGKELFSLLPHMADMSTYMFKGTISFAKVIS 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tocal Similarity
hes 77; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ALBORESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
                                                                                                                 APPLICATION NUMBER: UK 9413536.2 FILING DATE: 16-AUG 1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version CORRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ TO NO.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ENMARK, EVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -----HFTELALISVUELVDFAKQVP 275
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/909.425
FILING DATE: 19-Jul-2001
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                       OPERALING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Washington
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                                                                      NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
                                                                                                                                                                                                  FILING DATE: < Unknown >
                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20001
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                                               REFERENCE/DOCKET NUMBER: 00487.04029
                                                                                                                                                                                                                      APPLICATION NUMBER: 08/776,844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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Live 55; Mismarches 101; Indels 63; Gaps
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Falent No. 0820020128461A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 17: Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.8 B. NABORABIAETER KIMAMULEETERSTINVOLLEGIT FILT TELOBIHDEVILLEGIT FOL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              L2 C YERDLE (ED) ISSULKGAAFER/GLIKENEVENAETCH WE'C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2015 LIAAGELMIGGLVAAGLGCNKESES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A LU EEOFMM FREUMDAQMK TEUT TESSEE KNERLIEDIVELSSO SELFEST QAUSKBEAAKWSQV FU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                        ATTORNEY/AGENT TNEORMATTON:
                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READARDE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPILICANT: ENMARK, EVA
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COMPUTER: THM Comparible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPELICATION NUMBER: US/09/909, 426
                                                                                                                                                                                                                                           ATHILICATION NUMBER: DK 9413536.2 FILING DATE: 16 AUG 1994
                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/776,844 FILING DATE: 1997 08 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZTP: 20001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
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                                              REPERENCE/INNIKEL_NUMBER: 00487.04029
                                                                                                 REGISTRALLON NUMBER: 32141
                                                                                                                                          NAME: Karam, Sarah A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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Putent No. US/20020116731A1
                                                                                                   Curry Match 15.0%; Score 244.5; DE 12; Tenoth 446;
Best Local Similarity 26.0%; Pred. No. 3.6e 17;
Matches 77; Conservative 55; Mismatches 101; Indels 60; Gaps
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                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEC ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-07-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/254,801 PRIOR FILING DATE: 2000-12-11
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TYPE: FRI
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205 LIAAGELMIQQLVAAQLQCNKRSES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           333 RIKKEODOLK--EPRMIMKLYSIKELSSVHSEQVFALKIQD KKIDPILSETWDV 444
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                                                     3 TIEBEORMMIREEMUAQMKIPUTTESHEKNERLEGVISSGEBLEESIQAESREBAAKWSQV 52
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26.0%; Pred. No. 3.6e+17;
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US-10-188-721-1
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US-10-013-823-3
                                                              RESELF 15
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PRIOR APPLICATION NUMBER: US 60/254,801
PRIOR FILING DATE: 2000-12-11
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                                                                                                                                                                                                                                                                                                     123 YFKDLPIEDQISILKGAAFEIGQLRFNTVFNAETGTWEC----GRESYCLED-TAJGFQQ 177
                                                                                                                                                                                                                                                                                                                                                                                                                                    393 RIKKPQDQLR--FPRMLMKLVSLRTLSSVHSEQVFALRLQD--KKLPPLLSEIWDV 444
                                                                                                                                                                                               348 FFINPIPEFSRAMRRIGHDDAEYALLIAINIFSADRPNVQEFGRVEALLQPYVEALLSYT 407
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                                                                                                                                                                                                                                                                           GELQLGREDQLALLKASTIEIMLLETARRYNHET---ECITELKDETYSKDDFHRAGLQV 347
                                                                                                                      RIKRPODOLR - "FPRMLMKLVSLRTLSSVHSEQVFALKLQD"
                                                                                                                                                      EUNRPOPAHRELELKIMAMITELRSINAQHTQRL--LRIQDIHPEATPLMOELEGI 291
                                                                                                                                                                                                                                   LLLEPMLKFHYMLKKLOLHEEEYVLMOAISLESFDRPGVLOHRVVDQLOEGFAITLKSYL 237
                                                                                                                                                                                                                                                                                                                                                                                            RKDLCSLKVSLQLRGEDGSVWNYKPPADSGGKEIFSLLPHMADMSTYMEKGTISFAKVIS 122
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                                                                                                                                                                                                                                                                                                                                                    Sequence 2. Application US/10155479 Publication No. US20030022290A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SefTWARE: Patentin Ver. 2.1
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           270 RLL- KIQDIHPFATPLMQELFG1 291
                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                   NUMBER OF SECUENCES:
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                                                                              COUNTRY: USA
ZIF: 90071
                                                                                                                    STAFE: CA
                                                                                                                                    CITY: Los Andeles
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LEE, MATTHEW R.
OTTE, KERSTIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SIID, MANISH
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HERBERT, NORMAND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KIELY, JOHN
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TITLE OF INVENTION: NRTH4 NUCLEAR RECEPTOR BINDING COMPOUNDS FILE REFERENCE: 5/9904-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            94 KETESILEH-- MADMSTYMEKGITSEAKVISYERDLEIDUTSILKGAAFELCOLRENT 150
                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS: Schroeder, Bruedgemann & Clark
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Evans, Ronald M.
Formud, Barry M.
Wolldberger, Cary A.
TITLE OF INVENTION: METHOD FOR MODULATING PROCESSES MEDIATED
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-HOS/MS-DOS
                                                                                                                                                                                                                                                                                  STREET: 444 South Flower Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15.8%; Score 241.5; DB 9; 31.9%; Pred. No. 8.1e-17;
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Publication No. US200 (000351/A)
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match (19.1%) Secret 201; DB 9; Length 448; Best Local Similarity (8.0%; Pred. No. 1.20-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEC ID No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Fast SEC for Windows Version 4.0
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2.12 SELATKOLIK I VEFAKIKLISTE GOLDANGI FILIKAACIDI LILIKA CIRKY I DEGISIM FESIO EKI
                                                                                                                                                           104 ADMOTYMEKGLISEAKVISYERDLEIDJOISLLKGAAFELOOLKENGVENAE 301WBY 161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           832 TENKKILIPOTOTOWKKEE ERAASPMR YITEMESEYKSVGELKMIQEEYALLITAIVI 482
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FILING DATE: 24 May 2002
CLASSIFD ATTON: -Unknown -
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32.5%; Pred. No. 8,86.16;
1396—442; Mismarches 80; Indels 17
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Sequence 1, Application US/098[4604
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; GENERAL INFORMATION:
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HERCINFORMALION: Human Retinoic Acid Receptor beta (hRAR beta) us
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Patent No. US28020077457Al
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TITLE E INVENTION: GAMMA KETINOTO ACTO RECEPTOR
FILE REFERENCE: SALKITOO 3
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SOFEWARE: PatentIn version 4.0
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APPLICANT: Klein, Elliott S.

Chandraratna Roshantha A.

APPLICANT:

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Best Local :
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CURRENT FILING DATE: 2001-34-22
NUMBER OF SEQ ID NOS: 52
                                                                                                                                                                                  NAME/KBY: misc_feature
OTHER INFORMATION: Human Retinoic Acid Receptor-alpha (hkak-alpha)
-09-797-727-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US90/03564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 462
                                                                                                                                                                                                                                                                          ORGANISM: Human
                                                                                                                                                                                                                                                                                                    TYPE: PRT
                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                         LENGTH: 462
367 RESREET--MEPKMLMKITULKSISAKGAERVITLKMEIPGSMEPLIGEM 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      181 EPMLKEHYMLKKIQUHEEEYVLMQAISLESPDRPGVLQHRVVDQLQEQEAITLKSYTECN 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            123 YERDI.PTEDQISLLKGAAFELGQI.RENTVENAE--TGTWECGRI.SYCLEDTAGGFQQILL 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      63 RKDLOSLKVSLQLRGEDGSVWNYKPPADSGGKELFSLLPHMADMSTYMFKGIISFAKVIS 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 LIEEQRMMIRELMDAGMKTEDITESHEKNERLPGVLSSGCELPESLQAPSREEAAKWSQV 62
                                        3 LTEEQRMMIRELMDAQMKTFOTTESHEKNFRLPGVLSSGCELPESLQAFSREEAAKWSQV 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RPOPAHRELFIKIMAMLTELKSINAOHTORLLRIG-DIHPFATPIMOEL 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DLVFAFANQLLPLEMDDAETGILISATGILIGGDRQDLEQPDRVDMIQEFILISATKVYVRKR (4.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GFTTLTIADQITLLKAACLDILILRICTKYTPEQDIMTESDGLTLNRTQMHNAGEGP-LI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -----KESELSTKCTIKTVDFAKQLD 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           78: Conservative
                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             1989-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13.1%; Score 200; DB 9; Length 462; 27.0%; Pred. No. 1.5e-12;
                                                                                                             13.1%; Score 200; DB 10; 27.0%; Pred. No. 1.6e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           45; Mismatches 108; Indels
                                                                                          45; Mismatches 108;
                                                                                                                                  Length 462;
                                                                                       Indels
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; Publication No. US20030022315A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 22
US-09-921-650-23
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                                                                                INFORMATION FOR SEC ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           241 RPQPAHRELELKIMAMETELRSINAQHTQRILRIQ-DIHPFATPIMQEL 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               307 DIVEAFANGILPLEMDDAETGILLSATCLICGDRQDLEQPDKVDMIQEPLLEALKVYVEKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    181 EPMLKEHYMIKKIQIHEEEYVIMQAISIESPURPGVIQHRVVIOIQEQFAITIKSYIECN 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12 & YERDLPIEBQISLLKGAAFELCQLRENTVENAE--16TWECGRLSYCLEDTAGGEQQLLL 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63 RKDLOSEKVSLQERGEDGSVWNYKPPADSGGKETFSLEPHMADMSTYMFKGTESFAKVES 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REALIABLE FORM:
MEDIUM TYPE: Floopy disk
COMPUTER: HM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCIT Text
                                                                                                                                                                                                                                                                    FILING DATE: 14 JUNE-1 ATTORNEY/AGENT INFORMATION:
                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Tetracycline-Inducible transcriptional
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bujard, Hermann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RPSRPH -MEPKMLMKITDLKSISAKGAERVITLKMEIPGSMPPLIGEM 413
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CLASSIFICATION: <Unknown >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  21P: 02109 1875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Massachusetts
                                                                                                         TELEFAX: (617)742-4214
                                                                                                                                                                                                            NAME: Deconti, Giulio A. Jr
REGISTRATION NUMBER: 31,503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/883,754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 09/912,650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/921,650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 28 State Street
TYPE: amino acid
                        LENGTH: 272 amino acids
                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: BHI
                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/076,726
                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 14-JUNE-1994
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/076,327
                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 14-JUNE 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/260,452
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: DS 08/270,647 FILING DATE: 01-JULY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 15 JULY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/275,876
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 03-FEH-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/485,978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2001-08-03
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BEQUESION: DESCRIPTION: SBQ (1) Not: Z3:
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Entent No. RS20020152489A1
GENERAL INFORMATION:
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Best Local Similarity 25.6%; Pred. No. 1.2e 12;
Matches 66; Conservative 41; Mismatches 109; Labels
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REFERENCE/LOOKET NUMBER: BRE 0000 P.3
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FILLING DATE: 26 Dec. 2003
CLASSIFICATION: - Unknown -
                                                                                                                                               NAME: Description April 10 A. Jr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/076,32/FILLING DATE: 14 JUNE 1993
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                                                                                                                              Query Match 12.9%; Score 198; 108 10; Best Local Similarity 24.9%; Pred. No. 3.4e 12;
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APPLICANE BAILLE, Subba Roddy
APPLICANE Kapitskaya, Martaina Zinovjevia
APPLICANE Press, Dean Ervin
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H ENGTAMKRREKKAGKEKDKMI I SESSGIRÐINGSLASGGGGGEVKKETLDI.MITEFEÐILAT 67
                                                     * EEGEMMTEELMDAQMKTFDFTFSHFKNFKLJ®VLSSG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 18, Application US/09853450 Publication No. US20020194645Al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 18
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CURRENT AFFILICATION NUMBER: US/09/853,450
CURRENT FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 61
SUFTWARE: Patentin Ver. 2.1
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APPLICANT: Ditta, Garaya
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Combinations of Genes for Producing
TITLE OF INVENTION: Exhibiting Modulated Reproductive 1
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                                                      266 QHTQR-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5 EEQRMMIRELMDAQMKTFUTTESHEKNERLPGVLSSG------CELPESLQ 49
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QNAEMOFSEKEKNRKEPKFLEETWOVHAI-PPSVQSHEQIT 338
                                                                                                                                                                                                                                                                                                                           IDVSFRHITEITIITVQLIVEEAKGLPAETKIPQEDQITIIKAGSSEVMMLRMARKYDHS 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LFSPDRPGVLQHRVVDQLQEQFAITLKSYIECNR--PQPAHRFLFLKIMAMLTELRSINA 265
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                                                                                                         TPS-DRPGLEKAQLVEATQSYYTDTLKIYI-LNRHCGDSMSLVFYAKILSILTELRTIGN 298
                                                                                                                                                                                                                     SDSTFFANNKSYT--RDSYKMAGMADN----IEDLLHFCRQMFSMKVDNVEYALLTAIV 240
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                                                                                                                                                               LESPORPGVLQHRVVOQLQEQFAITLKSYTECNR--PQPAHRFLFLKIMAMLTELKSINA 265
                                                                                                                                                                                                                                                                                                                                                                                 ---ILLPHMADMSTYMEKGIISFAKVISYERDLPIEDQISLLKGAAFELJQLRF------
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    NT VENAETGTWEGGRLSYCLEDTAGGFQQLILLEPMLKEHYMLKKLQLBEEESVLMQATS 207

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                                                   -- LLRIGHTHPFATPLMOELFCIT 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57; Mismatches 135; Indels 64;
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: APPLICANT: Rohm and
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// Patent No. US20020119521A1
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: Sequence 16, Application US/09965703
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                                                                                                                                                                                                                         ; Patent No. US20020119521A1
                                                                                                                                                                                                                                                                                                              RESULT 27
                                                                                                                                                                                                 GENERAL INFORMATION
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Best Local :
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TITLE OF INVENTION: No. US20020119521Alel Ecdysone Receptor Based Inducible Gene
FILE REFERNIE: A01020H
FILE REFERNIE: A01020H
CURRENT APPLICATION NUMFER: US/09/965,703
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMFER: 60/191,355
PRIOR APPLICATION NUMFER: 60/191,355
PRIOR FILING DATE: 2000-03-22
                       APPLICANT: Rohm and Haas Company
APPLICANT: Paili, Subba Reddy
APPLICANT: Kapitskaya, Merddy
APPLICANT: Kapitskaya, Merddy
APPLICANT: Cress, Dean Ervin
IIILE oF INVENTION: No. US20020119521Alel Ecdysone Receptor Based Inducible Gene
FILE REFERENCE: A01020B
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PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: PCT/US01/09050
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CURRENT APPLICATION NUMBER: US/09/965,703
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OTHER INFORMATION: No.
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                                                                                                                                                                                                                                                                                                                                    Matiches 85;
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Best Local Similarity (24.9%) Prod. No. 5.4e 12;
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NUMBER OF SEQ ID NOS: 18
SCETWARE: Patentin Ver. 2.1
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APPLICANT: NO. DAVID
APPLICANT: NO. DAVID
APPLICANT: SAEZ, ENRIQUE
TITLE OF INVENTION: METHODS FOR MODULATING EXPRESSION OF EXOGENOUS GENES
TITLE OF INVENTION: MAMMALIAN SYSTEMS, AND PRODUCTS REALIED THEREFO
ELLE REFERENCE: SALK1520-2
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                                                                                                      IFS-DRPCLEKAQLVEAIQSYYIDTLRIYI-LNRBCGDSMSLVFYAKLLSILIELRILGN 789
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; OlHER INFORMATION: No. US20020119521A1el Sequence
US-09-965-703-20
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                                                                                                                                                                                                                                                                                                                                                                                  RESULT 32
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APPLICANT: Robbs and Haas Company
APPLICANT: Palli, Subba Reddy
                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09931007A Patent No. US20020166132Al
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Rest Local Similarity 25.3
Matches 77; Conservative
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LENGTH: 32:
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APPLICANI: Cress, Dean Ervin
LIELE OF INVENTION: No. US20020119521A1el Ecdysone keeeptor based Inducible Gene E
                                                                                                       FILE REFERENCE: 0.606.0512
CORRENT APPLICATION NUMBER: 0S/09/931.007A
CURRENT FILING DATE: 2001-08-17
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NUMBER OF SECTIONOS: 75
SOFTWARE: Patentle version 3.1
PRIOR APPLICATION NUMBER: ER 00/10740 PRIOR FILING DATE: 2000-08-18 PRIOR APPLICATION NUMBER: US 60/249,246 PRIOR FILING DATE: 2000-10-11
                                                                                                                                                                                      TILLE OF INVENTION: SYSTEM FOR REGULATING IN VIVO THE EXPRESSION OF A THANSGENE BY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/191, 455 PRIOR FILING DATE: 2000-03-22
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PRIOR FILING DAIE: 2001-02-20
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%; Pred. No. 4.7e-12;
55; Mismatches 124; Indels 49; Gaps
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                                                                                           Omery Match 12.4%; Score 189.5; 18-9; Length 750; Best Local Similarity 22.1%; Prod. No. 4.16-11; Mismatches 10; Conservatize 97; Mismatches 115; Indels 76; Gaps
                                                                                                                                                                                                                                                                                                      REQUIRED NO 3
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Best Local Similarity 22.1%; Pred. No. 3.6c H;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SEQUENCES INSTREAM OF THE CARP GENE, VESTORS CONTAINED TITLE OF INVENTION: THEM AND DEES THEREOFF
FILE RESIDENCES TO NOOF OF SOO GOODS
CHERENI APPLICATION NUMBER: US/10/00%, 447A
                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/251,582
PRIOR FILING DATE: 2000-12-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Ententin Ver. 2.1
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Patent No. US/0020106796A1
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US-09-765-1111A-2
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: Patent No. US20920106796A1
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                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fletcher, Jonathan A.
APPLICANT: Kroll, Todd G.
TITLE OF INVENTION: PAXS-PPAKAJERMA NUCLEIC ACID MOLECULES
TITLE OF INVENTION: AND POLYPEPTIDES AND USES THEREOF
LILE REFERENCE: B0801/7196/ERP/MAT
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PRIOR APPLICATION NUMBER: US 50/215,466
PRIOR FILING DATE: 2000-06-29
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                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 0S 60/177,109
PRIOR FILING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: 0S 60/225,079
                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/765, 111A CURRENT FILING DATE: 2001-01-18
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                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0
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ORGANISM: Mus musculus
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PRIOR FILING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: 0000-01-20
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CURRENT APPLICATION NUMBER: US/09/765,111A
CURRENT FILING DAFE: 2001-01-18
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NUMBER OF SEC 10 NOS: 47
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·-MERKFEFAVKFNALELDESDLATFTAVITLSGD&PGLLNVKFTEDT 743
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Patent No. US20020106796A1
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FILE REFERENCE: BOROL/7196/ERP/MAI
                    TITLE OF INVENTION: DAXB PPARQUIBES AND USES THEREOF
                                                                     APPLICANT: Fletcher, Jonathan A. APPLICANT: Kroll, Todd G.
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PRIOR FILING DATE: 2000-08-14
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APPLICANT: Palli, Subba Reddy
APPLICANT: Kapitskaya, Medana Zinovjevna
APPLICANT: Cress, Dean Ervin
TILLE OF INVENTION: No. US20020119521A1el Ecdysone Receptor Based Inducible Gene E
FILE REFERENCE: A01020B
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PRICK APPLICATION NUMBER: 60/191,355
PRICK FILING DATE: 2000-03-22
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THE & APPLICATION NUMBER US 60/177, IOS PRISE FILING DATE: 2000 01 20
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                                                                                               ORDANISM: Drosophila melanogaster
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                                                     NAME/KEY: misc_toature
                                                                                   FEATURE:
                                                                                                                                                               LENGIH: 445
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 1, Appl	Sequence 1. Appl	Sequence 2. Appl	Sequence 2. Appl	Sequence 2, Appl	Sequence 2, Appl	Sequence 1. Appl	Sequence 8, Appl	ï	œ	-	6 3	N		to ,	2		b.:	ы	ć	Sequence 5, Appl	11,		10,	Ξ,	Sequence 10, App	Sequence 2, Appl	Description	

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Query Match 38.7%; Score 592; DB 4; Length 486; Best Local Similarity 44.8%; Pred. No. 1.1e-55; Matches 127; Conservative 46; Mismatches 71; Indels 46; Gaps

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Sequence 4. Appl	PCI 0892-02326A 4	J	462	1 3 . 1	200	5
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Sequence 2,	7 * RI 7/8 - RO SD	٠,	40.4	-	231.3	3

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08 - 08 - 875 - 082 - 208-08-875-082-2 Sequence 2, Application US/08875082 Patent No. 6391847 GENERAL INFORMATION: APPLICANT: Fivans, Ronald M. APPLICANT: Houmberg, Bruce APPLICANT: Unessing, Kazuhiko TITLE OF INVENTION: A NOVEL EXE-DEPENDENT SIGNALING PATHWAY TITLE OF INVENTION: AND LIGANDS USEFUL THEREFOR TELEFAX: 619-677-1465 INFORMATION FOR SEQ ID NO: COMPUTER REALIBABLE FORM: OPERATING SYSTEM: PC-103S/MS-103S OPERATING SYSTEM: PC-103S/MS-103S REGISTRATION NUMBER: 33,192 REFERENCE/DOCKET NUMBER: 141 9887 IELECOMMUNICATION INFORMATION: TELEPHONE: 619-677 1409 APPLICATION NUMBER: US 08/474,445 FILING DATE: 17 JAN-1995 ATTORNEY/AGENT INFORMATION: SOFTWARE: Patent In Release #1.0, Version #1.25 CURRENT APPLICATION DATA: MOLECULE TYPE: protein SEQUENCE CHARACTERISTICS: CLASSIFICATION: 435 PRIOR APPLICATION DAIA: CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES: STATE: C CITY: San Diego : ADOTOROL TYPE: NAME: FILING DATE: APPLICATION NUMBER: STREET: ADDRESSEE: TENGIH: 92121 amino acid Reiter. ^. A EE: Gray Cary Ware & Preidenrich, LLP 4365 Executive Dr. Suite 1600 386 amino acids NS. Stophen E. US/08/875,082

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                                                                                                                                                                                                                                                           Query Match (1.4%) Score 479.5; [08.1] Length 48; Bost Local Simularity (0.0%) Frod. No. 1.60.43; Matches [112] Conservative (40) Mismatches (88; Indels (47))
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Patent No. 5686574
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: DO TELEFOMMULICATION INFORMATION: (617) 542 5070
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ATTERNEY/AGENT INFORMATION:
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63 PKIDLISHKVSHQLBOBUGSVWNYKPPADSGOKETEBHLIHMAUMSTYMFKOTTSFAKVTB 142
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mek; 00786/126001
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                                                                                                                                                                                                                                      unery Match (1.4%; Score 479.5; UB-1; Length Hest Local Similarity (9.0%; Prod. No. 1.36.4%; Matches (112); Conservative (40); Mismatches (BB); Indels
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Patent No. 5710017
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INFORMATION FOR SEQ 10 NO:
SEQUENCE CHARACTERISTICS:
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REFERENCE/TOUCKET NUMBER: 00/86/126001
LELESOMMUNICATION INFORMATION:
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NAME: Poul 1. Clark
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                                                                                                                                             THE LISKEQUEELLETILICATIFICHMOTMPEQUEVQUERPPARTETHING PLPITAP
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                                                                                              5.4 KKULUSLKVSIQIRGEDUSVWNYKPPADSGUKETESILDHMADMSTYMEKGITSFAKVIS 12.
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: Patent No. 5756448
                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                     Matches 112;
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INFORMATION FOR SEQ ID NO:
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MEDIIM TYPE: 3.5° DISKELLE, 1.44 Mb
COMPUTER: IRM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOPTWARE: WordPerfect (Version 5.0)
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TITLE OF INVENTION: CAR RECEPTORS AND RELATED
TITLE OF INVENTION: MOLECULES AND METHODS
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182 PMLKFHYMLKKLQDHEEEYVLMQAISLFSPDRPGVLQHRVVDQLQEQFAITLKSYIECNR 241
                                       181 VERSI,PIEDQISILLKGAAVEICHIVLNTIFCLQTQNFLCGPLRYTIEDGARVGFQVEFLE 240
                                                                  301 KRPRDRFLYAKLIGILLAELRSINEAYGYQIQHIQGI.SAM:MPLLQEI 346
                                                                                                                                                                                                              106 LSKEQEELIKTILGAHTRHMGIMFEQFVQFRPPAHLFIHHQ-PLPTLAP----- --- 153
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STAIE: Massac
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STRANDEDNESS: N/A
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REFERENCE/TOCKET NUMBER: 00786/126001
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                                                                                                                                                                    63 RKDLCSLKYSLQLRGEDGSYWNYKPPADSGCKEIFSLLPHMADMSTYMFKGIISFAKVIS 122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
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RESULT 5
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                                                                          Matches 114;
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TITLE OF INVENTION: Method of Producing
TITLE OF INVENTION: 1,25-Dihydroxyvitamin D3 Receptor Protein
NUMBER OF SEQUENCES: 6
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 414-277-5715
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                                                                                                                                                                 COURNAL: Proc. Natl.
VOLUME: 85
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DATE: February-1988
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                                                                                                                                                                                                                        AUTHORS: Burmester, James K.
AUTHORS: Mo-da, No. 52601990yo
AUTHORS: Delarca, Hector F.
TITLE: Isolation and expression of rat
TITLE: 1,25 dilhydroxyvitamin D3 receptor cDNA
JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      237 STOKVIGEAKMIRGEKDITSEDOTVILKSSATEVIMIRSNESEIMDDMSWIRGNODYKYR 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 182 SSSSCSIJHCTTSSDMIDSSSESNILDLSEEDSD · · · · DPSVTLELSQLSMILPHLADLVSY 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      124 LSERQQRITATI.LDAHHKTYDETYSDEQQERPPVRONDGGGSHPSRPNSRHTPS FSGD 181
                                                                                                                                                                                                                                               NAME: Clark, Paul E.
RESISTRATION NUMBER: 30,162
RESERVE/PROCKET NUMBER: 00/162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        492 DRISNILGTYTKOKHEFFOSHILFAKMIOKLADILKSLNEEHSKOYKOLSFOTEOSMKLITT 416
                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Fatentin Release #1.0, Version #1.40
SOFTWARE: Fatentin Release #1.0, Version #1.40
                                          STRANDEDNESS: not relevant
                                                                    344.4.1
                                                                                    LENGTH: 446 amino acids
                                                                                                                                                           1 H:1.H:X::
                                                                                                                                                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CELLESLOAPSREEAAK 58
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                                             PCT-US95-16311-3
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Hest Local Similarity 26.0
Matches 77; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application PC/TUS9516311 GENERAL INFORMATION:
Query Match
                                                                                                                                                                                                          TELEX: 200154
[NEORMATION FOR SECTIONO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Moore, David
APPLICANT: Seol, Wondi
APPLICANT: Seol, Wondi
APPLICANT: Choi, Huong-Sik
TITLE OF INVENTION: RETINOID X RECEPTOR: INTERACTING
TITLE OF INVENTION: POLYPEPTIDES AND RELATED MOLECULES AND METHODS
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                    NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/246001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy of COMPUTER: IBM PC com
                                                                   HOTEGORE LABOR
                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/37
FILING DATE: 13-JAN-1995
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC 1008/MS-DOS
SOFTWARE: Patentin kelease #1.0. Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               333 EFINPIFEESKAMRKLGLDDAEYALLIAINIFSADRPNVQEESKVEALQQPYVEALLSYT 392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
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STREET: 2
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                                                                                              TOPOLOGY:
                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                        TELEFAX: 617/542-8906
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TYPE: amino acid
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  16.1%;
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  Score 245.5;
  DB 5;
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US-08-776-844-2
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    Sequence 2, Application US/08776844
    Patent No. 6277976

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                      INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                 FILING DAIE: 16-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: OR-I ON ORPHAN RECEPTOR BELONGING THILE OF INVENTION: TO THE NUCLEAR RECEPTOR FAMILY NUMBER OF SEQUENCES: 11
                     WOLFORD TABLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Fast SEQ for Windows Version CURRENT APPLICATION DAIA:
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APPLICANT: GUSTAFSSON, JAN
                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 202-508-9100
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                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
776-844-2
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                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                                                                                                                                                            TELEPHONE: 202-508-9299
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                                          ADMINGOL.
                                                                                                 LENGIH: 445 amino acids
                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 00487.04029
                                                                                                                                                                                                                                                               NAME: Kagan, Sarah A
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/EP95/03247
                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                           STRANDEDNESS:
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Query Match

16.0%;

Score 244.5;

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Length, 446.

Best Coast Similarity 26,0%;

Fred. No. 4.80 18:

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Patent No. 5007967
                        Overy Match 15.9%; Search 24.55; DB 1
Heat Local Similarity 26.0%; Fred. No. 6.5e 18;
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od 184A.E. STR. GTOW
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NAME: Dolary Catherine A.
FEGUSIPALION NUMBER: (6,502
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APPLICANT: Vogel, Robert
APPLICANT: Vogel, Robert
AZTIOLE OF (NVENTION: USE OF RECEPTOR POTENTIATORS)
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APPLICANT: Holloway, M. Katharine
APPLICANT: Rodan, Gideon
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                                                                                                              ANTI SENSE: NO
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                                                                                                                                                                                                                                          LENGTH: 461 amino acids
                                                                                                                                                                                                                                                                                                          TELEPHONE: (908) 594-420
TELEPAX: (908) 594-4720
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                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
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        Ponservative
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; Patent No. 5679518
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METHUR INTEL FLORDY disk
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SOFTWARE: Patentin Refease #1.0, Version #1.
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                                                                                                              MOLECULE TYPE: poptide
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; Patent No. 5939322
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                            TELEFAX: (908) 594-47.
INFORMATION FOR SEQ ID NO:
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APPLICANT:
                                                                                                   MOLECULE TYPE: pe
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REFERENCE/DOCKET NUMBER: 19327
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                             FILING DATE: 27-00T-1994
AFTORNEY/AGENT INFORMATION:
NAME: Dolan, Catherine A.
REGISTRATION NUMBER: 36,5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
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APPLICANT: Schmidt, Azriel
APPLICANT: Vogel, Robert
                                                                                ANTI-SENSE:
                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 536 PRIOR APPLICATION DATA:
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COMPHTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS DOS
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                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                  LENGTH: 461 amino acids
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126 East Lincoln Av
                                                                                                                                                                                                                                                                 (908) 594-4720
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Holloway, M. Katharine
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15,9%;
26.0%;
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Pred. No. 6.5e-18;
                   DB 2;
                     Length
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                                                                                 ANII-SENSE:
PCT-US95-13924-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2. Application PC/IBS9513924 GENERAL INFORMATION:
                      Query Match
Rest Local Similarity
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  Matches
                                                                                                                                                                                                                                                              TELEFAX: (508) 594-4720 INFORMATION FOR SEQ ID No: 2:
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APPLICANT: Voilel, Robert
Tobacticant: Voilel, Robert
                                                                                                  MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Friedman, Eitan
APPLICANT: Holloway, M. Katharine
APPLICANT: Kodan, Gideon
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                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               238 ECNRPQPAHRFLFLKIMAMIJELRSINAQHTQRL - LRIQDIHPPATPIMQELFGI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    291 GFLQLGREDQLALLKASTIETMLLETARKYNHET---BYLLELKDFLYSKDDFHKAGLGV (47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: FC-DOS/MS DUS
                                                                                                                                                                : YDOLOGY:
                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                         NAME
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                         LENGTH:
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                                                                                                                                                                                                                      461 amino acids
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126 East Lincoln Avenue
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                                                                                                                                                                                 single
                    15.9%; Score 243.5; DR 5; Length 461; 26.0%; Pred. No. 6.% 18;
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    Mismatches 101;
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                                                                                         Best Local Similarity 26,0%;
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                                                                                                                                                                                                                                                                                                                                                              RECESTRATION NUMBER: 45, 440
REFERENCE/DOCKET NUMBER: 19416 PCF
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APPLICANI: Voqel,
                                                                                                                                                                  ANTI SENSE: NO
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220 ETAAQEEMIQQEVAAQLQCNKRSFS
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                                                                                        15.9%; Shore 243.5; DB 5; Length 461; 26.0%; Fred. No. 6.50 18;
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                                                                                                                                                                                                                                                                  onery Match (5.9%) Score 242.5; DB I: Length 450;
Best local Similarity 26.0%; Pred. No. 8.3e 18;
Matches 77; Conservative 55; Mismatches [0]; Indels 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2. Application US/08442411A
Paront No. 5839616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SECTIONS: 2:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CHRRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANI: LIAO, Shutsung APPLICANI: SONG, Ching
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET LYMMER AND TRACESTANCE TO STREET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     408 KIKKPODOLR FERMEMKLVSERTESSVHSEQVFALKEOD KKIFFTELSETWOV 459
1.2 C YEROLF IEROLSLIJKGAAFELOOJJEFNITVENAERGITWEC - - GRIJSYCLED TAGGEOO 177
                                                                                                                                                                       219 LIAAQELMIQQLVAAQLQCNKRSPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                238 ENREGEARETETKIMAMITETESINAGHTQRI: TRIQDIHTEATETMGETEGI 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               176 TILLEFMIKFHYMIKKIQI HEEEYVIMQATSI FSFDRFGVIQHRVVDQIQEQFAITIKSYT 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  448 EFTNETFEFSRAMRRIGIDDAEYALLIAINTESADRENVQEFGRVEALQQFYVEALLSYF 407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         123 YERDITTEDQISILKGAAFELCOLRENTVENAETTIWEC GRISYCLED TAGGEOO 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESTISTED TO NUMBER: 67,928
REFERENCEZIONEKET NUMBER: ARCU154
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                                                                                                                     63 KKDLCSLKVSLQLJ6GED6SVWNYKPPADSGGKETFSLJ.PBMADMSTYMFKGTTSFAKVTS 1.2.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (512) 418-3000
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                                                                           1.6AD -- POSKDAROOKFA HETELATISVOETVUEAKOVP 289
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Sequence 4.

Application US/08342411A

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RESULT 17
US-08-342 411A-4
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US:08-496-631-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Onery Match 15.6%: Score 241.5: DB 1: Length 472: Best Local Similarity 31.9%: Pred. No. 1.1e-17:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
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TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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                                                                                              450 MLMSWRVND-HKF-TPLLCEIWDV 471
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                                                                                                                                                                                        443 PERQYIKBREAVEKI.QEPILIDYLQKI.CKIRQPENPQH---FACILIGRI.FELRIFNHHHAE 445
                                                                                                                                                                                                                                                                                                                                                                                       275 KEEFSAEENELILTEMAINHVQVLVEETKKLPGFGTLDHEDGTALLKGSAVEAMFLRSAE 3/3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: [HM PC compatible
OPERATING SYSTEM: PC-1935/MS Das
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                                                                                                                                            270 RIL RICOTHPFATPLMCELFGI 291
                                                                                                                                                                                                                                        211 PERPOVLOHKVVDOLOEGFAITLKSYTECNRPG-PAHRELFLKIMAMLTELRSINACHIQ 269
                                                                                                                                                                                                                                                                                              335 IFNKKLPSCHSDLLEERIKNS
                                                                                                                                                                                                                                                                                                                                    151 VENAETGTWECGRESYCLEDTAGGEQQLILLEFMEKEHYMEKKEQLHEEEYVEMQAISLES 210
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ToPoLoGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 472 amino acids
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87 CambridgePark Drive
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REFERENCE/PROKET NUMBER: ARCH 54
TELECOMMONICATION I INFORMATION:
TELEPHONE: (512) 418-4000
TELEPAX: (713) 789-2679
FELEVAX: 78-4000
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MEDIUM TYPE: Floppy
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NAME: KITCHELL, BARBARA S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LIAO, Shutsung APPLICANT: SONG, Ching
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         178 I.L.EPMLKEHYMLKKI,@LHEEEYVI.MQATSLESFDREGVI.@HKVVI.@L@E@FAITLKSYI 237
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                                                                                                                                                                                                                                                                                                                                                  123 YERDLPTEDQTSLLKGAAFELCOLRENTVENAET/TWEE - GRESYCLED TAGGEÇO 177
                                                                                                                                  49.) RIKRPQDQLR--FPRMLMKLVSLRILSSVHSEOVFALKLOD
                                                                                                                                                                             238 ECNREQPAHRELELKIMAMLTELKSINAQHTQRL=-LKIQDIHEFATELMQELEGI 291
                                                                                                                                                                                                                      330 EFTNPTFEFSRAMRKIGILDDAEYALLIAINTESABRPNVQEFSRVEALQUPYVEALLSYT
                                                                                                                                                                                                                                                                                                           273 GELQLGKENGTALLKASTIEIMILLETARRYNHET: ESTIFTLKDFTYSKIDFHRAGLGV 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  202 LTAAQELMIQQLVAVQLQCNKRSFS------
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                                                                                                                                                                                                                                                                                                                                                                                                                                       63 RKDLCSLKVSLQLRGEDXSVWNYKPPADSGGKEIFSLLPHMADMSTYMFKGlisfakvls 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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ZIP: 77210-4433
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 LIEEQRMMIRELMDAQMKTFDTTESHFKNFRLPGVLSSGCELPESLQAPSREEAAKWSQV 62
                                                                                                                                                                                                                                                                                                                                                                                               ------BGAD------POSRDARQOKEA---HETELAHISVQETVDFAKQVP-272
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GENERAL INFORMATION:

APPLICANT: EVANS Ph.D., RONALD M. APPLICANT: MANSELSDOKE Ph.D., DAVID J APPLICANT: ONG MS., ESTELFIA S.

APPLICANT:

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Patent No. 5696233
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Hest Local Similarity 51.80; Fred. No. 1.90-17;
Matches 52: Conscruative 47; Mismatches 76; Indels 10;
APPLICANT EVANS PLOT, FORMED W. APPLICANT ONC MS., ESTELLIA S. AMILON S. AMI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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TNESHMATION FOR SEQ ID NO. F
                                                                                                                                   APPLEVANT: ONCINS, ESTELLIA S. APPLEVANT: ORO PELLI, ANTHONY E. APPLEVANT: HORRIBERE PELL, UNE K. APPLEVANT: STORBERE PELLI, VINCENT NMN APPLEVANT: YAO MI., TSO DANG NMN TILLE OF THORNION; WERE RECEPTORS NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE IMPE: protein
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ALCORNEY_AGENT (NEORMATION: NAME: ROLLOF Ph.D., SLOPHOR E. REGISTRATION NUMBER: 31192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           219 HRVVDGLGEGFATTLKSYTECNRPGPAHRFLFLKTMAMLTELRSINAGHTGKL *LRIGD 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TEC BUREAU STREETS FOR TAXABLE OF THE STREET OF STREETS AND THE STREETS OF THE ST
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ODERATING SYSTEM: PO DOS/MS DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                   ALDRESSEE:
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444 So, Flower St., Suite 2000
E: Pretty, Schroeder, Bruespemann & Clark
444 So. Flower St., Suite 2000
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31.8%; Pred. No. 1.9c 17;
ative 47; Mismatches 76
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: Patent No. 5747661
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Best Local Similarity
Matches 62; Conserv
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: (BM_PC_compatible
                                          STREEF: 447 ...
CITY: Los Angeles
STATE: CA
                                                                                                                                                                   TITLE OF INVENTION: IDENTIFICATION OF A DISTINCT TITLE OF INVENTION: RETINOID-RESPONSIVE PAIHWAY AND USES THEREFOR NUMBER OF SEQUENCES: 7
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                                                                                                                                                                                                                                 APPLICANT: Mangelsdort, David J. APPLICANT: Willy, Patricia J.
                                                                                                                                                                                                                                                                            APPLICANT: Evans, Ronald M.
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                                                                                                                                                 CORRESPONDENCE ADDRESS
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           309 -LKDESYNREDFAKAGLQVEFINPIFEFSKAMNELGLNDAEFALLIAISIESADBENVCD 367
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                                        COUNTRY:
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                                                                                                    E: Pretty, Schroeder, Bruegaemann & 444 South Flower Street, Suite 2000
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(619) 535-8949
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-108/MS-DoS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURKENT APPLICATION DATA:
             CLASSIFICATION: 438
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07266
FILING DATE: 24 JUN 94
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                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIOM TYPE: 3.5 INCH DISKETIE
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AFFORNEY/AGENT INFORMATION:
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STATE: NEW JERSEY
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                                                                                                                                                                                    OPERALING SYSTEM: MS-1008
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ADDRESSEE: CECCHI, STEWART & OLSTEIN
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31.8%; Pred. No. 1.90-17;
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GENERAL INFORMATION:
APPLICANT: CAO, ET AL.
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TLITLE OF INVENTION: Petinoic Acid Receptor Epsilon
NUMBER OF SEQUENCES: 2
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APPLICANT: Choi, Heeng Sik
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MINIMAL SERVED BUILDIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUPTWARE: Fatentin Release #1.0, Version #1.40 PURKENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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Clark, Paul I.
Clark, Paul I.
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                                                     15.3%; Score 234.5;
31.9%; Pred. No. 5.9a
rive 41; Mismatches
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                                                                                                                                                       Matches 65; Conserv
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TITLE OF INVENTION: RETINOID X RECEPTOR-INTERACTING
TITLE OF INVENTION: POLYPEPTIBES AND RELATED MOLECULES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Seol, Wongli
APPLICANT: Choi, Hueng
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                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
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COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Patent "
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                      151 VENAETGTWEGGRESYCLEDTAGGEGOLLLEPMLKEHYMLKKLOLHEEEYVLMGAISLES 210
                                                                   254 KEEFSAEENFLICTEMATSHVQILVEFTKKLPGFGTLDHEDQTALLKGSAVEAMFLRSAE 313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Clark, Paul T.
REGISTRATION NUMBER: +0,162
REFERENCE/DOCKET NUMBER: 00786/246001
                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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                                                                                                              94 KEIFSLEPH---MADMSTYMFKGLISEAKVISYFRDEPIEDQISLLKGAAFELCQLRENI 150
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                                                                                                                                                     15.3%; Score 234.5; DB 5; Length 45);
bilarity 31.9%; Pred. No. 5.9e-17;
Conservative 41; Mismatches 85; Indels 13
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13-JAN-1995
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US-08-372-652-1
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Patent No.
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INFORMATION FOR SEQ ID NO:
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ATTORNEY/AGENT INFORMATION:
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APPLICANT: Choi, Huend Sik
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                                        270 RLL: RIGDIHPFATPLMQELFGI 291
                                                                                   405 PDRQYTKDREAVEKIQEPILIDVLQKLCKMYQPENPQH
                                                                                                                            211 PDRPGVLGHRVVDQLQEGFAITLKSYTECNRPG FAHRELELKIMAMLIELKSINAGHIG 269
                                                                                                                                                                                                                  151 VENABIGIMECGRESYCLEDFAGGEQQLILEPMEKEHYMEKKEQLHEEEYVEMQAISEES 210
                                                                                                                                                                                                                                                                287 KEEFSAEENFULLTEMATSHVQULVEFTKKUPSFQTIJHEDQIALLKGSAVEAMFURSAE 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Boston
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PERSTEALION NUMBER: 40,162
REFERENCE/LOCKET NUMBER: 00786/246001
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                                                                     APPELICANT: FORMAD, BATTY M.
APPELICANT: WEITHDO FOR CONTROL FROM SESSES MEDIATED
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LELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                  APPLICANT: Evans, Ronald M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Evans, konold M.
APPLICANT: Formal, Harry M.
APPLICANT: Weinberger, Cary A.
LITLE :P INVENTION: METHOLEGE MODULATING PROCESSES MEDIATED
LITLE :P INVENTION: BY FARNESCHI ACTIVALED RECEPTORS
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SECUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SYLVIC NOTIVE OF TRAFFIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESTONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                    44% AEMIMSWRVND HKF-TPILICEIWDV 468
                                                                                                                                                                                                                                                                                                                                                                                                                                                266 LORLL RIGOTHPFATFIMOETFG1 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 200 FSFDREGVLOHRVVDQLQEQFATTLKSYTETNREG TAHRFLELKIMAMLITELRSINAQH 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GLE LENKKILLPOTOMKKEE - ERAASEMR - YTTEMESEYKSVGELKMIQEEYALLIAIVI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25) VENAR TRIBERRALDIAGREGOLLERMIKERYMIKKIJIHEREFYVIMQATSI. 20x
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2/2 KEEFSAEENFULLIEMATSHVOILVEETKKLIGFOILDHEDQIALLKGSAVEAMFUKSAE (4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REBULSTURGY | KIRKAVEKLOEPILLUVLOKLUKTYOTENPOH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
computer: TRM For compatible
objections system: For nos/MS bos
STREET
                            ALECTIONS SEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              54 KELFSLIJH - MADMSTYMFKGLISFAKVISYFRDIJTEDGISILKGAAFEDGIJRENT 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ( ADE (1) (4(c))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1ELEFAX: 619 545 9392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFIWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SIAIE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENCTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           17:00%
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28: Prefty, Schröeder, Bruespemann & Clark
444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               469 amino acids
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COUNTRY:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 30
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2. Application Patent No. 6416957 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 619-546-9392 INFORMATION FOR SEQ ID No: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESISTRATION NUMBER: 31,192
REPERENCE/DOCKET NUMBER: P41 9844
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: 05/08/372,183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              445 AEMLMSWRVND HKF-TPLLCEIWDV 468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               272 KEEFSAEENFLILTEMATSHVQILVEFTKRLPGFQTLDHEDQIALLKGSAVEAMFLRSAE 331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          268 TQRLL--RIQDIHPFATPLMQELFG1 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         388 LSPDRQYIKDREAVEKIQEPLIDVIQKICKIYQPENPQH---FACILGRLIELKTFNHHH 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      332 IENKKLLPDTQTCWKKEF--ERAASPMR--YITPMFSFYKSVGELKMTQEEYALLIAIVI 387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                151 VENAE - TGTWECGRLSYCLEDTAGGFQQLLLEPMLKFHYMLKKLQLHEEEYVLMQAISL 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94 KEIFSLLPH----MADMSTYMFKGIISFAKVISYFRDLPIEDQISLLKGAAFELCQLRFNT 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Reiter, Stephen E. REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: THM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                         APPLICANT: Evans, Ronald M.
FORMAD, Barry M.
FUTLE OF INVENTION: METHOD FOR MODULATING PROCESSES MEDIATED
                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ESPDRPGVLOHRVVDQLQEQFAITLKSY1ECNRPQ-PAHRFLFLKIMAMLTELRSINAQH 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          67;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09696443
                                                                                                                        COUNTRY:
                                                                                                                                              STATE: CA
                                                                                                                                                                    CITY: Los Angeles
                                                                                                                                                                                          ADDRESSEE: Fretty, Schröeder, Brueggemann & Clark STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                469 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15.1%; Score 231.5; D8 4; Length 469; 32.5%; Pred. No. 1.3e-16; Live 42; Mismatches 80; Indels 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/09/469,721
                                                                                                                                                                                                                                                                                          BY FARNESOID ACTIVATED RECEPTORS
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PCT-US95-17023-2; Sequence 2, Application PC/TUS9517023; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matches 67; Conserv
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SEQUENCE CHARACTERISTICS:
                                                                                                               CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/0895/17624
                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Evans, Ronald M.
APPLICANT: Forman, Harry M.
APPLICANT: Weinberger, Cary A.
TILLE OF INVENTION: METHOD FOR MODULATING PROCESSES MEDIATED
LITLE OF INVENTION: BY FARNESOID ACTIVATED RECEPTORS
NUMBER OF SEQUENCES: 7
                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                272 KEEFSAEENFLILIEMATSHVQTLVEFTKKLPGFGTLDHEDGTALLKGSAVEAMFLRSAE 331
                                                       CLASSIFICATION:
                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DASYMS bos
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Profty, Schroeder, Bruessemann & Clark
STREEE: 444 South Flower Street, Suite 2000
CITY: Los Angeles
SIAFE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               209 FSPDRPGVLQHRVVDQLQEQFAITLKSYIECNRPQ-PAHRFLFLKIMAMLTELRSINAQH 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94 KEIFSILLPH---MADMSTYMFKGIISFAKVISYFRDLPIEFQISILKGAAFELCQLRENI 150
                                                                                       FILING DATE
                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFIWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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TELECOMMONICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ToPOLoGY: linear MolECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LSPDRQYIKDREAVEKIQEPILIDVIQKLCKIYQPENPQH---FACILGRITELRTFNHHH 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TENKKELPDIQTCWKKEF--ERAASPMR--YIIPMESEYKSVGELKMTQEEYALLTAIVL 387
                                                                                                                                                                                                                                                                                                                      90071
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CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: «Unknown»
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Reiter, Stephen E
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APPLICANT: Washes, Pete
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32.5%; Pred. No. 1.3e-16;
vative 42; Mismatches 80; Indels 17; Gaps
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                                                                                                        SOFTWAKE: Patentin Ver. 2.0
SEC ID No. 3
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Patent No. 6266622
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Host Local Similarity 27.1%; Prod. No. 3.10-16;
Matches 72; conservative 41; Mismatches 125; Indels
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APPLICANI: Baxter, John D.
                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: 60/008,606
EARLIER FILING DATE: 1995-12-14
                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: 08/764,870
                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT AFFLICATION NUMBER: US/08/980,115 CURRENT FILING DATE: 1997-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANI: West, Brian L.
APPLICANI: Shian, Andrew K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kushner, Peter J. APPLICANT: Apriletti, James W.
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                                                                                                                                                                      NUMBER OF SECTIONS: 17
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ATTORNEY/AGENT INFORMATION:
NAME: NAKARRIA, JACKTON
ROSISTRATION NIMBER: 05,966
REFERENCE/DOCKET NUMBER: DCAL 245/0TUS
TELEFORMMUNICATION INFORMATION:
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GENERAL INFORMATION:

Sequence 14, Application US/08653648A Patent No. 6379945

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TITLE OF INVENTION: STEROID/THYROID HORMONE RECEPTOR-RELAIED
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                                                                                                    328 CHASKELHMKVECPTELLPPLFLEVE 353
                                                                                                                                                 266 QHTQRLLRIQDIBP--FATPLMQELF 289
                                                                                                                                                                                                   270 VILLMSSDRPGLACVERIEKYODSELLAFEHYINYRKHHVTH
                                                                                                                                                                                                                                                                                                       210 RAAVRYDPESETLILNGEMAVIRGQLKNGGLGVVSDAIFDLGMSLSSENLDDTEVALLQA
                                                                                                                                                                                                                                                                                                                                                                                                      150 VNAPEGGKVOLEAFSHETKIITPAITRVVDFAKKLPMPCELPCEDQIILLKGCCMEIMSL 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/
FILING DATE: 17-DEC-1987
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                                                                                                                                                                                                                                                     206 ISLESPORPGYLOHRYVOOLOEOFAITLKSYIECNREQPAHRELELKIMAMLTELKSINA 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           97 ELOKSIGHKPEPTDEE---WELL-KTVTEAHVATNAQ---GSHWKQKPKFLPEDIGQAPI 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        THIONH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      89 -- ADSGGKEIFSLLPHMADMSTYMFKGIISFAKVISYFRDLPIEDQISLLKGAAFELGGL 146
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                                                                                                                                                                                                                                                                                                                                                       RENTVENAETGTWEC-GRUSYCLEDTAGGEQQLLLEPMLKEHYMLKKLQLHEEEYVLMQA 205
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SEQ ID NO 14
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APPLICANT: Greenland, Andrew
APPLICANT: Martinez, Alberto
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                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                               APPLICANI: Scaulan, Thomas S
APPLICANT: Baxter, John D
APPLICANT: Fletterick, Kobert J
APPLICANI: Wagner, Richard L
APPLICANI: Kustner, Peter J
APPLICANI: Apriletti, James W
APPLICANI: West, Brian
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TYPE: PRT
                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                         TITLE OF INVENTION: Nuclear Receptor
                                                             STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              403 TKIPQEDQIIILIKACSSEVMMI.KMARRYDAATUSII.FANNKSYTROSYRMAGMADTIEDI. 462
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                  COUNTRY:
                                          STATE:
                                                                                                          ADDRESSEE: Cooley Godward
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94306
                                                             Pato Alto
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WENTION: A Gene Switch
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                                                                                       Five Palo Alto Square,
                     USA
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Patent No. 6266622
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Fletterick, Bobert J. APPLICANT: Wagner, Richard J.
FILE REFERENCE:
                                                                                                                                   VILLIAVE:
                                                                                                                                                                                                     TINVOLUELIV
                                                                                                                                                                                                                                             APPLICANT: Kushmer, Peter J.
APPLICANT: Apriletti, James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Baxter, John D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               VELTAVI.
                                                           TILLE OF INVENTION: NUCLEAR RECEPTOR LIPIANUS AND LIGAND BUNDING DOMAINS
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REFERENCE/IDECKET NUMBER: UCAL 246/01US
TELECOMMUNICATION INFORMATION:
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OTHER INPORMATION: minimal ligand binding domain
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                                                                                                                                                                                                                                                                                                                                     DRI R APPLICATION NUMBER: 405, 842
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DEGROOF, LESLIE J.; NAKAI, AKIRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TILLE OF INVENTION: HUMAN THYROID HORMONE RECEPTOR DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                  TURKENT APPLICATION DATA
                                                141 NKERKKKEEM1K
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                                                                                                                                                                                                                                                                 LENGTH: 410
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                                                                                                                                                                                                                                                                                                          FILLING DAIE: 11-SEP 1989
                                                                                                                                                                                                                                                                                                                                                                                    APECUTATION NUMBER: US/07/830,766 FILING DATE: 03 PEB 1992
RELEVEN RELEVEL
                                                                                          52 SKEEAAKWSQVRKDL/SLKVSLQLRGE---
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25.2%;
                                                                                                                                                            13.5%; Source 206.5;
25.2%; Prod. No. 5.
                                              STOOKEELTEERMOLIHTATEVIIKSLINVOQSHMKOKEKET 185

    (8) Secore 206.5; DR 4; Lenath 410;
    (8) Fred. No. 5.4e 14;
    42; Mismatches 113; Indels 53; Gaps

                                                                                                                                         3 Pred. No. 5.4e 14;
42; Mismatches 113;
  LIHMADMSTYMEKGITSFAKVISYFRUDDIEDQISITK 187
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    Matches
                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 1:
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MEDIUM TYPE: FLORM;
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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APPLICANT:
APPLICANT:
                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                      REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: UCAL-246/01US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)844-5000
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APPLICANT: Apriletti James W
APPLICANT: West, Brian
TITLE OF INVENTION: Nuclear Receptor
TITLE OF INVENTION: Binding Domains
                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/008,543 FILING DATE: 13-DEC-1995 PRIOR APPLICATION DATA:
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CIFY: Palo Alto
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                                                                                                                                                          amino acid
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Five Pulo Airo Square,
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    Conservative
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Fletterick, Robert J
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14-DEC-1995
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13.2%; Score 202.5; DB 4;
24.8%; Pred. No. 1.5e-13;
ative 43; Mismatches 113;
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Best Local Similarity
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CHREENT FILING DATE: 1997-11-26
EARLIER APPLICATION NUMBER: 08/764,870
EARLIER FILING DATE: 1996-12-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kushner, Peter J. APPLICANT: Aprilotti, James W. APPLICANT: West, Brian L. APPLICANT: Shidu, Andrew K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Fletterick, Robert J
APPLICANT: Wagner, Richard L.
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EARLIER APPLICATION NUMBER: 60/008,543
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NUMBER OF SEQ ID NOS: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: minimal ligand binding domain
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OTHER INFORMATION: activation domain
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                                                                                141 NREKEKKEEMIK
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                          88 PADSGGKETESL------LPHMADMSTYMEKGTISFAKVISYEKDLFTED/J1811LK-147
                                                                                                                           52 SREEAAKWSQVRKDLCSLKVSLQLRGE----
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                                                                                                                                                                                                         13.2%; Score 202.5; DB 4; Length 416; 24.8%; Pred. No. 1.5e-13;
                                                                           ----SLOORPEPTPEEWDLIHVALEAHRSINAGGSHWKGRRKFL 152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  _
                                                                                                                                                                                 43; Mismatches 113; Indels 54;
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THE HILL STORY
                                                                                                                              -- DOSVWNYKE -- 87
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Db 19 C POOLOGOST VEMPORIKVOLEAFSEFTKI I TATIKAVOJAKKI JAMESELOTIJOTI I I.K. 25 2

QY 1 48 GAAFEL OLGENITARI OTRIKE CHRISTOLIJET AGGEQOLILIJEMI KELGALE 196

QY 1 48 GAAFEL OLGENITARI CHRISTOLIJET AGGEQOLILIJEMI KELGALE 196

QY 1 57 GOTAMETMSI HAAVET DESPITALIJET GENTAKKOLKNOGI GEVAR FELIKIMAM 25 6

QY 1 77 GEEVVI MOATIJET BETTE GENTAKKOLKAGI FELIKSALETIKAM 25 6

QY 1 78 GEEVVI MOATIJET BETTE GENTAK GENTAK KOLKAR HERITAK SELETIKIMAM 25 6

QY 26 GETTE GENTAKOHT GALIJAK GENTAK ```